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May 18, 2016

Mr. Dan Manweiler
Department for Environmental Quality
Southwest Regional Office
355-A Deadmore Street
Abington, Virginia 24210

Remediation Completion Report
940 West Main Avenue, Big Stone Gap, Virginia

Dear Mr. Manweiler:

Geosyntec Consultants, Inc. (Geosyntec), CSX Transportation, Inc.'s (CSXT's) environmental consultant for the above-referenced site, has prepared the attached *Remediation Completion Report* for your review. Based on the conclusions presented in the attached report, CSXT requests acknowledgement from VA DEQ that this report was received, reviewed, and no additional action is required with regard to further remedial actions at the site. If you have any technical questions, please contact Mr. Leroy Leonard with Geosyntec at 865-330-0037, or by email at lleonard@geosyntec.com. We look forward to hearing from you soon.

Sincerely,

Daniel S.Dyer, CPG

Attachment: *Remediation Completion Report* (May 2016)



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Remediation Completion Report

940 West Main Avenue Big Stone Gap, VA

Prepared for

Virginia Department of Environmental Quality

355-A Deadmore Street
Abington, Virginia 24210

CSX Transportation, Inc.

500 Water Street, J-275
Jacksonville, Florida 32202

CSXT Project No. R130220

Prepared by

Geosyntec Consultants, Inc.
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Project No. KX5586

May 2016

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1. INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec) has prepared this report for the Virginia Department of Environmental Quality (VA DEQ) and CSX Transportation, Inc. (CSXT). This report describes the removal of impacted soil and debris and the restoration of a parcel of property owned by CSXT and located at 940 West Main Avenue in Big Stone Gap, Virginia (the “Site”). As a result of the work that was conducted at the Site, CSXT is requesting acknowledgment from VA DEQ that no additional action is required with regard to future remedial actions at the Site.

Figure 1 depicts the Site location and geographical features in the vicinity of the Site. Residential properties exist directly across from the Site, north of West Main Avenue. Vacant CSXT property is located east of the Site and CSXT railroad right-of-way (ROW) is located to south. Robinette Steel & Scrap Metal Company (Robinette) property is located to the southwest of the Site and is separated from the Site by a fence maintained by Robinette and a fence the United States Environmental Protection Agency (EPA) Region 3 installed to limit exposure to portions of the scrap yard facility outside of Robinette’s fence. Previous EPA emergency response sites are located upgradient of the Site. These sites were previously cleaned up by the EPA in response to potential exposure from impacted material related to historic metal (including batteries) scrapping operations.

1.1 Site History

In November 2013, a citizen complaint was reportedly made to the Virginia Department of Emergency Management (VA DEM) with regard to possible “hazardous materials” that were buried on the Site. The citizen who reportedly made the complaint is a former employee of the scrap metal facility adjacent to the Site and he indicated that he had buried the materials. VA DEM contacted CSXT, VA DEQ, and the EPA to inform them of the complaint. In response to the citizen complaint, VA DEM, VA DEQ, and EPA reportedly conducted Site inspections at the Site. According to VA DEM, VA DEQ, and EPA regulators, scrap metal operations occurred on properties in the vicinity of the Site since the 1940s and have included “cracking” battery casings and transformers which resulted in lead and polychlorinated biphenyls (PCBs) impacted soil. As a result of potential

issues at the Site, CSXT contracted Geosyntec to conduct a preliminary assessment and develop a cleanup plan.

During the initial Site visit conducted by Geosyntec on 17 April 2014, debris was observed on the Site, which included pieces of suspected battery casings, various scrap metal, a metal tank, portions of old drums, railroad ties, and boulders. Geosyntec was not able to confirm the source of the materials that were visually observed during the initial Site visit. Based on the types of materials noted during this inspection, we presume that most of the debris originated from the adjacent scrap yard or former scrap yard operational areas located near the Site. Railroad ties and rails were located on the Site. Coal fines were also identified on the southern section of the Site during the assessment. The visually impacted portion of the Site was less than a quarter of an acre in size. The Site was heavily vegetated and the topography varied substantially due to apparent disturbances which included fill material and debris.

Geosyntec understood that the Virginia Department of Health (VDH) was informed about the Site and requested that the VA DEQ intervene. VDH was concerned that the Site posed a potential surface soil exposure risk from historic contaminants identified on EPA emergency response sites in the vicinity. On 30 May 2014, Geosyntec and W.E.L. Inc. (W.E.L.), located in Bluefield, West Virginia, mobilized to the Site and installed construction barrier fencing to prevent human or ecological exposure risks. In addition, CSXT “No Trespassing” signs were installed around the perimeter of the Site.

Geosyntec developed a plan to assess onsite surface and subsurface soils for the most common potential contaminants that could have been released. In addition, this assessment included characterization of surface and subsurface materials for potential excavation and disposal. Prior to beginning the soil assessment, Geosyntec transmitted a workplan (Geosyntec, 2015) to the regulator at the time, Mr. Alex Sneed with the VA DEQ Pollution Response Program, on 20 August 2014. The VA DEQ did not provide any comments regarding the workplan.

Vaughn & Melton, located in Middlesboro, Kentucky, surveyed the Site on 2 September through 4 September 2014 to identify the boundaries of the CSXT parcel. Geosyntec monitored the clearing of the vegetation onsite on 2

September through 5 September 2014 and concurrently collected soil samples. Surface and subsurface soil samples were collected from a grid consisting of nine areas with each area being approximately 625 square feet (ft²) in size. Three-point composite surface soil samples were collected from the nine grid locations and subsurface soil samples from each grid area were collected from an excavation with approximate dimensions of four feet (ft) by six ft and four ft deep. In the southern section of the Site containing the coal fines, groundwater was encountered at approximately 2.5 to 3 ft below ground surface (bgs). Based on the observed debris and operations adjacent to the Site and uncertainties with potentially buried materials, the soil samples were analyzed for a full-suite of contaminants including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs, total metals, and toxicity characteristic leaching procedure (TCLP) Resource Conservation and Recovery Act (RCRA) 8 metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver), reactivity/corrosivity, flashpoint/ignitability, and solids percent. Upon completion of the sampling in September 2014, the barrier fencing was reinstalled.

According to the *Soil Assessment Report and Remediation Plan* submitted to VA DEQ and CSXT by Geosyntec in April 2015, the constituents of concern (COCs) at the Site were polycyclic aromatic hydrocarbons (PAHs) and metals (Geosyntec, 2015). Subsurface concentrations of arsenic, antimony, and lead exceeding VA DEQ industrial Regional Screening Levels (RSLs) were detected to four ft bgs and the concentrations of PAHs exceeding the VA DEQ residential RSLs were limited to surface soil. No surface or subsurface concentrations of PAHs exceeded the VA DEQ industrial RSLs. One subsurface sample reported in the soil assessment had an elevated concentration of lead exceeding the VA DEQ industrial RSL with an associated TCLP concentration that exceeded the characteristically hazardous waste criteria of 5 milligrams per liter (mg/L).

At the request of the EPA, Geosyntec and W.E.L. mobilized to the Site on 15 June 2015 and installed a six foot high chain link fence to further prevent human or ecological exposure risks. In addition, CSXT “No Trespassing” signs were installed around the perimeter of the Site. Concurrently, Vaughn & Melton surveyed the Site to mark property boundaries so that the chain link fence could be placed on the proper boundaries.

1.2 Remediation Plan

Based on the results in the 2015 Soil Assessment, Geosyntec included the remediation plan in the April 2015 *Soil Assessment Report and Remediation Plan* (Geosyntec, 2015) and did not receive any comments from VA DEQ or EPA regarding the planned course of action. Before remedial action could begin, Geosyntec recommended collecting in-situ soil samples to characterize the waste as hazardous or non-hazardous. Because of the relatively small size of the Site (less than a quarter of an acre) and the lack of adequate staging areas, direct excavation, loading, and disposal of impacted soil and debris was recommended. Following the removal of impacted soil and debris, Geosyntec recommended installing a soil cover overlaid by a permeable geotextile and rip rap to eliminate human and ecological exposure risks and long-term maintenance.

2. WASTE CHARACTERIZATION

Prior to commencement of remedial activities at the Site, Geosyntec collected composite soil samples to determine if the waste would be profiled as characteristically hazardous or non-hazardous. Collecting the waste characterization samples by excavating and stockpiling offsite or placing the excavated material in roll-off bins was not feasible because of the spatial constraints of the Site and the possibility of excavated impacted materials creating exposure risks. Geosyntec collected the composite soil samples in-situ, which eliminated the need to stockpile soil for characterization during the remedial action.

The soil samples were collected using a hand auger to collect surface and subsurface soils at approximately six-inch intervals from zero to approximately four ft bgs. The samples were placed in laboratory prepared jars and shipped to Accutest Laboratories (Accutest) in Orlando, Florida under chain of custody. The samples were analyzed for TCLP metals, TCLP VOCs, TCLP SVOCs, and PCBs.

2.1 Initial Waste Characterization Soil Sampling

Geosyntec conducted the initial waste characterization sampling on 22 October 2015. Five composite soil samples were submitted to Accutest. Each sample was collected by compositing six-inch sample intervals from zero to four ft bgs at discrete locations. The five soil sample locations onsite were located in approximately the northern, southeastern, southwestern, northwestern, and central sections of the site. Laboratory results identified one sample with a TCLP screening level exceedance (5 mg/L) for lead.

2.2 Secondary Waste Characterization Soil Sampling

After discussing the initial waste characterization sampling methods and results with Mr. Brett Fisher from VA DEQ on 9 November 2015, Geosyntec developed a secondary sampling plan with guidance from Mr. Fisher to demonstrate that the vast majority of soil was not characteristically hazardous. Geosyntec mobilized to the Site on 13 November 2015 to collect the waste characterization soil samples utilizing the secondary sampling plan. Two composite soil samples were submitted to Accutest. Each sample was collected by compositing six-inch sample intervals from zero to four ft bgs at

three different locations. Three locations for a composite sample representing the northern section of the Site were located near the two corners at the north of the Site and one near the center of the Site. Three locations for the composite sample representing the southern section of the Site were located near the two southern corners of the Site and one near the center of the Site. **Figure 2** depicts the approximate location of the waste characterization samples. Laboratory results indicated neither of the samples had exceedances above TCLP screening levels.

The landfill selected for disposal was the Republic Services Carter Valley Landfill (Carter Valley Landfill) located at 2825 Carters Valley Road in Church Hill, Tennessee. Geosyntec submitted a Special Waste Evaluation Application (the “application”) with the waste characterization results of the secondary sampling plan to the Tennessee Department of Environment and Conservation (TDEC) Division of Solid Waste. TDEC then approved the application and issued an approval letter. Upon receiving the approval letter, Geosyntec submitted a special waste profile package along with the application and TDEC’s approval letter to the landfill for approval. The application (including the laboratory analytical report) and approval letter, landfill waste profile, and landfill approval are attached as **Appendix A**.

3. SOIL EXCAVATION AND BACKFILL

Excavation and backfilling at the Site occurred between 19 January and 8 February 2016 and was performed by AST. Kerry Jones Trucking headquartered in Bristol, Tennessee was subcontracted by AST to perform all transportation of material. Several delays were encountered due to weather. Photographs of the Site before, during, and after the excavation and backfill are provided in the Photographic Record included as **Appendix B**.

3.1 Soil Excavation

Excavation at the Site using a Volvo ECR145CL excavator began in the southwestern corner of the Site on 19 January 2016 and progressed northeast until mid-day on 20 January 2016. Excavation at the Site was delayed until 27 January 2016 due to rain and snow. Trucks began arriving at the Site to transport material offsite on 27 January 2016. To prevent the trucks from potentially tracking impacted soil offsite, AST arranged for approximately 21 tons of #3 stone to be delivered to the Site on 19 January 2016. Approximately 10 tons of #3 stone were then used as a pad to stage the trucks while being loaded. All the shipments of soil and other debris were transported to Carter Valley Landfill. All waste shipments were transported along with non-hazardous waste manifests that were signed by Geosyntec on behalf of CSXT, the transporter, and the landfill. The manifests were copied and returned to Geosyntec personnel at the Site and recorded in a manifest tracking log that is provided as **Table 1**. Copies of the manifests and weigh tickets are included as **Appendix C**.

AST excavated material from the southern edge of the Site to the north and stockpiled the soil and debris in the northern section of the Site. As a result of the stockpile located in the northern section of the Site, this area was excavated to approximately eight ft bgs. Groundwater was encountered in the southern section of the Site at approximately 1.5 to 2 ft bgs, resulting in an excavation depth in this section of approximately 1.5 ft bgs. Excavation was stopped on 1 February 2016 due to inclement weather and resumed on 5 February 2016. The final excavation depths ranged between approximately 1.5 ft bgs to approximately 8 ft bgs. **Figure 3** depicts the approximate excavation boundary and the approximate depths of the excavation sidewalls.

The last waste shipment from the Site occurred on 5 February 2016 and this day marked the end of the excavation activities at the Site. A total of 35 loads of soil and debris were transported to the landfill. The total amount of soil and debris transported to the landfill was approximately 560 tons.

3.1.1 Soil Sampling

Soil samples were collected throughout the course of the project to confirm that soil left in place was below industrial RSLs. Samples were collected from the excavation bottom and sidewalls and labeled “CS-Sample Number-Date Collected”. **Figure 4** depicts the approximate location of the samples. No samples were collected from the sidewall associated with the Robinette boundary because CSXT was not responsible for material on Robinette’s property. The soil samples were placed in laboratory prepared jars and shipped to Accutest in Orlando, Florida under chain of custody. All of the soil samples were analyzed for RCRA 8 metals. A summary of the detections is provided as **Table 2**. The laboratory reports are included as **Appendix D**. Detections of RCRA 8 metals were compared to the July 2014 VA DEQ RSLs for industrial soils.

Sample analysis of CS-04-012816 indicated chromium and lead concentrations exceeding the industrial RSL so the excavation was expanded in this area of the Site by removing and disposing approximately 17 tons of impacted soil. After the over-excavation was completed, composite sample CS-05a-020416 was collected from the excavation bottom and laboratory analysis indicated no industrial RSL exceedances. Sample CS-04-012816 is not included in **Table 2** as a result of collecting CS-05a-020416 in the same area after the excavation was expanded. A total of six composite soil samples were collected by Geosyntec from the excavation bottoms and sidewalls once the excavation had achieved final grade or lateral expansion. One soil sample (CS-02-011916) had an arsenic concentration of 41.8 milligram per kilogram (mg/kg), however, this sample was collected in the area of coal fines, located in the southeastern corner of the Site. According to a publication by United States Geological Survey (USGS), *U.S. Geological Survey Fact Sheet 2005-3152 - Arsenic in Coal*, the mean arsenic concentration of southern Appalachian coal is 71 mg/kg (USGS, 2006). The elevated concentration of arsenic in sample CS-02-011916 was attributed to the high concentrations of coal fines located in the bottom of the excavation at this location. After soil

sample analysis confirmed the remaining soil was below industrial RSLs, AST began to backfill.

3.2 Excavation Backfill

3.2.1 Borrow Source Backfill Sampling and Analysis

Prior to commencement of the excavation, AST collected a composite soil sample at the borrow source area on 17 December 2015. The soil sample was shipped to Accutest and analyzed for RCRA 8 metals, VOCs, SVOCs, PCBs, pesticides, and herbicides. Laboratory analyses indicated detections of arsenic, chromium, and lead, however the concentrations were not above the VA DEQ industrial RSLs and were assumed to be background concentrations.

The borrow source was located near the Site and the local landfill uses the soil for landfill cover. The soil used to backfill the excavation at the Site was collected from virgin ground and was a light brown silty clay. The backfill soil was free of gravel and organic materials.

3.2.2 Backfill Procedure

Soil backfill placement at the Site began on 4 February 2016 and ended on 6 February 2016 (excluding rip rap cover). Soil was distributed and compacted in place using the excavator and a Volvo MCT125C skid steer. AST estimated that approximately 1,000 tons of fill soil were delivered to the Site. **Table 3** provides the dates, times, and weight estimates of each type of material delivered to the Site throughout the duration of the excavation and backfill.

The backfill design was initially planned to be compacted to create a 20 percent (%) slope. The final grade of the slope was created to be a consistent slope from the top of the Site to the bottom while aiding in the conveyance of stormwater flow from West Main Avenue and preventing erosion. All excavation areas were backfilled to within a minimum of 12 inches of the surface.

An American Association of State Highway and Transportation Officials (AASHTO) M288 Class 2 non-woven geotextile was laid over the soil

backfill on 8 February 2016. Class A1 rip rap was placed over the geotextile to serve as cover material for the Site. The rip rap was placed to a thickness of approximately one foot using the excavator and skid steer. Approximately 200 tons of rip rap were delivered, spread, and compacted across the Site on 8 February 2016. Approximately 10 tons of #3 stone remaining was then used to dress the boundary of the Site bordering West Main Avenue. The stone cover (including geotextile) was placed in a manner to aid in the conveyance of stormwater flow from West Main Avenue.

4. CONCLUSION

The removal and restoration work was performed to remove debris and impacted soils at the Site and fill the resulting excavated area with clean fill material to eliminate human and ecological exposure risks. Approximately 560 tons of impacted materials including soil, scrap metal, boulders, and miscellaneous debris were excavated at the Site and transported to Carter Valley Landfill in Church Hill, Tennessee. All of the waste was disposed as non-hazardous material. Soil samples were collected from the bottom of the excavation and sidewalls to confirm the removal of impacted materials and the materials left in place were below industrial RSLs. Soil from a local borrow area, which was previously tested and determined to be contaminant free, was used as backfill. The soil was compacted and a non-woven geotextile overlaid by Class A1 rip rap was placed on top of the backfill.

The removal of impacted materials to below industrial RSLs has achieved the primary objectives of eliminating human and ecological exposure risks. The Site cover system (clay backfill, geotextile, and stone) will provide adequate and long-lasting exposure protection to any materials left in place that may exceed residential RSLs. In light of these actions and on behalf of CSXT, Geosyntec is requesting acknowledgement from VA DEQ that this report was received, reviewed, and no additional action is required with regard to further remedial actions at the Site.

5. REFERENCES

Geosyntec Consultants, Inc. 2015. *Soil Assessment Report and Remediation Plan*. April 2015.

United States Geological Survey. 2006. *U.S. Geological Survey Fact Sheet 2005-3152 - Arsenic in Coal*. February 2006.

TABLES

Table 1
Manifest Tracking Log
940 West Main Avenue
Big Stone Gap, Virginia
CSX Project # R130220

CSX Authorization #1	CSX Authorization #2	Manifest Doc. No.	Manifest Departure (Date)	Time	Truck #	Manifest Return (Date)	Time	Tons	Cumulative Total Tons
160001	201604476DD-ASC	4476	1/27/2016	0810	4	1/27/2016	1130	11.98	11.98
160002	201604477DD-ASC	4477	1/27/2016	0818	E525HX	1/27/2016	1140	8.94	20.92
160003	201604478DD-ASC	4478	1/27/2016	0837	KJ24	1/27/2016	1159	11.60	32.52
160004	201604479DD-ASC	4479	1/27/2016	0852	KJ22	1/27/2016	1215	14.75	47.27
160005	201604480DD-ASC	4480	1/27/2016	0906	KJ20	1/27/2016	1215	11.58	58.85
160006	201604481DD-ASC	4481	1/27/2016	0918	KJ5	1/27/2016	1220	13.30	72.15
160007	201604482DD-ASC	4482	1/27/2016	1145	4	1/28/2016	745	14.99	87.14
160008	201604483DD-ASC	4483	1/27/2016	1158	E525HX	1/28/2016	0800	13.38	100.52
160009	201604484DD-ASC	4484	1/27/2016	1212	KJ24	1/28/2016	0741	16.21	116.73
160010	201604485DD-ASC	4485	1/27/2016	1226	KJ20	1/28/2016	0741	17.08	133.81
160011	201604486DD-ASC	4486	1/27/2016	1241	KJ22	1/28/2016	0825	17.97	151.78
160012	201604487DD-ASC	4487	1/28/2016	0755	KJ20	1/28/2016	1030	10.83	162.61
160013	201604488DD-ASC	4488	1/28/2016	0810	4	1/28/2016	1120	13.93	176.54
160014	201604489DD-ASC	4489	1/28/2016	0828	E525HX	1/28/2016	1105	13.36	189.90
160015	201604490DD-ASC	4490	1/28/2016	0845	KJ22	1/28/2016	1143	17.27	207.17
160016	201604491DD-ASC	4491	1/28/2016	1047	KJ20	1/28/2016	1323	17.81	224.98
160017	201604492DD-ASC	4492	1/28/2016	1118	E525HX	1/29/2016	0750	16.19	241.17
160018	201604493DD-ASC	4493	1/28/2016	1117	4	1/29/2016	0845	19.63	260.80
160019	201604494DD-ASC	4494	1/28/2016	1154	KJ22	1/29/2016	0800	21.35	282.15
160020	201604495DD-ASC	4495	1/28/2016	1310	KJ21	1/29/2016	1115	23.72	305.87
160021	201604496DD-ASC	4496	1/28/2016	1320	KJ20	1/29/2016	0735	17.60	323.47
160022	201604497DD-ASC	4497	1/29/2016	0748	KJ20	1/29/2016	1045	17.86	341.33
160023	201604498DD-ASC	4498	1/29/2016	0835	E525HX	1/29/2016	1140	18.82	360.15
160024	201604499DD-ASC	4499	1/29/2016	0854	KJ22	1/29/2016	1152	17.45	377.60
160025	201604500DD-ASC	4500	1/29/2016	0908	4	1/29/2016	1226	15.64	393.24
160026	201604501DD-ASC	4501	1/29/2016	1101	KJ20	2/1/2016	0750	18.32	411.56
160027	201604502DD-ASC	4502	1/29/2016	1112	KJ25	2/1/2016	0750	16.43	427.99
160028	201604503DD-ASC	4503	1/29/2016	1128	KJ21	2/9/2016	0900	15.55	443.54
160029	201604504DD-ASC	4504	1/29/2016	1148	E525HX	2/1/2016	0750	14.93	458.47
160030	201604505DD-ASC	4505	1/29/2016	1205	KJ22	2/1/2016	0800	21.88	480.35
160031	201604506DD-ASC	4506	1/29/2016	1240	4	2/4/2016	1018	22.53	502.88
160032	201604507DD-ASC	4507	2/1/2016	0807	E525HX	2/5/2016	0904	12.98	515.86
160033	201604508DD-ASC	4508	2/1/2016	0824	KJ20	2/5/2016	0904	13.52	529.38
160034	201604509DD-ASC	4509	2/1/2016	0850	KJ22	2/9/2016	0900	13.79	543.17
160035	201604510DD-ASC	4510	2/5/2016	1110	4	2/5/2016	1625	16.57	559.74

Table 2
Summary of Confirmation Samples

940 West Main Avenue
Big Stone Gap, Virginia
CSXT Project # R130220

Sample ID		CS-01-011916	CS-02-011916	CS-03-012716	CS-05-012816	CS-05a-020416	VA DEQ Industrial/ Commercial RSL
Date		1/19/2016	1/19/2016	1/27/2016	1/28/2016	2/4/2016	
Metal	Units						
Arsenic	mg/kg	14.1	41.8*	1	15	<2.1	30
Barium	mg/kg	357	219	23.6	48	51.2	22,000
Cadmium	mg/kg	<3.9	0.71	<0.16	<0.23	<0.85	98
Chromium	mg/kg	12.6	9.7	5.9	9.6	9.4	63
Lead	mg/kg	37.6	231	6.2	74.7	9.6	800
Mercury	mg/kg	<0.046	0.62	<0.042	0.065	<0.044	4
Selenium	mg/kg	<20	<1.3	<0.78	<1.1	<4.2	580
Silver	mg/kg	<9.8	<0.63	<0.39	<0.57	<2.1	580

Notes:

VA DEQ Industrial/Commercial RSL - Virginia Department of Environmental Quality Industrial/Commercial Regional Screening Level

* Below median concentration of arsenic in southern Appalachian coal (71 milligrams per kilogram [mg/kg])

Bold values indicate concentrations above laboratory reporting limit

Shaded values indicate concentrations above VA DEQ industrial RSL

Table 3
Backfill Tracking Log
 940 West Main Avenue
 Big Stone Gap, Virginia
 CSX Project # R13220

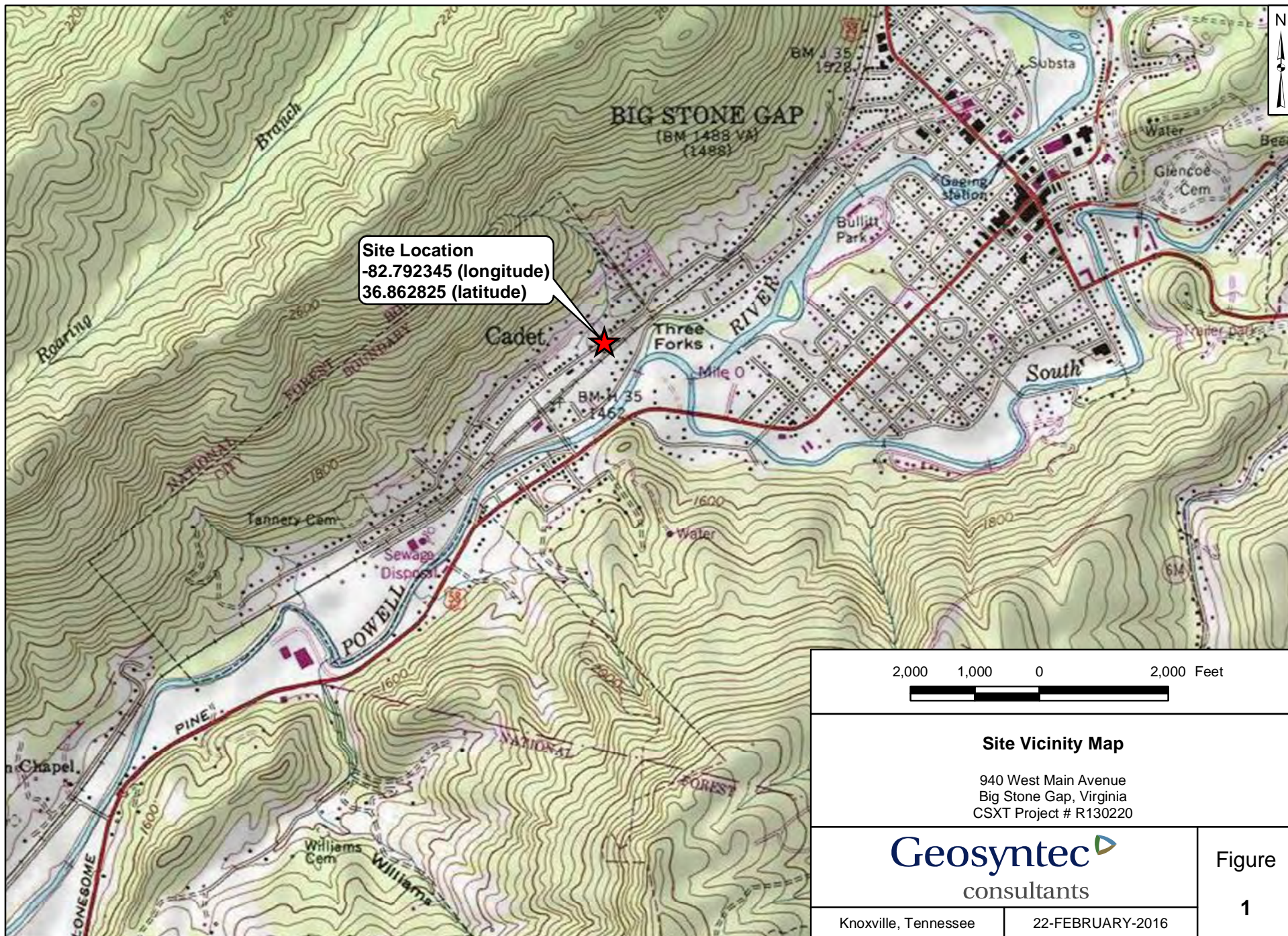
Date	Time	Material	Tons
1/19/2016	1119	#3 Gravel	21
2/4/2016	0940	Soil Backfill	14
2/4/2016	1018	Soil Backfill	14
2/4/2016	1050	Soil Backfill	14
2/4/2016	1056	Soil Backfill	14
2/4/2016	1145	Soil Backfill	14
2/4/2016	1206	Soil Backfill	14
2/4/2016	1212	Soil Backfill	14
2/4/2016	1250	Soil Backfill	14
2/4/2016	1300	Soil Backfill	14
2/4/2016	1305	Soil Backfill	14
2/4/2016	1425	Soil Backfill	14
2/4/2016	1436	Soil Backfill	14
2/4/2016	1438	Soil Backfill	14
2/4/2016	1537	Soil Backfill	14
2/4/2016	1544	Soil Backfill	14
2/4/2016	1549	Soil Backfill	14
2/4/2016	1648	Soil Backfill	14
2/4/2016	1655	Soil Backfill	14
2/5/2016	0756	Soil Backfill	20
2/5/2016	0833	Soil Backfill	20
2/5/2016	0904	Soil Backfill	20
2/5/2016	0905	Soil Backfill	20
2/5/2016	0910	Soil Backfill	20
2/5/2016	0937	Soil Backfill	20
2/5/2016	1021	Soil Backfill	20
2/5/2016	1022	Soil Backfill	20
2/5/2016	1022	Soil Backfill	20
2/5/2016	1052	Soil Backfill	20
2/5/2016	1137	Soil Backfill	20
2/5/2016	1139	Soil Backfill	20
2/5/2016	1225	Soil Backfill	20
2/5/2016	1303	Soil Backfill	20
2/5/2016	1322	Soil Backfill	20
2/5/2016	1415	Soil Backfill	20
2/5/2016	1434	Soil Backfill	20
2/5/2016	1523	Soil Backfill	20
2/5/2016	1527	Soil Backfill	20

Table 3
Backfill Tracking Log
 940 West Main Avenue
 Big Stone Gap, Virginia
 CSX Project # R13220

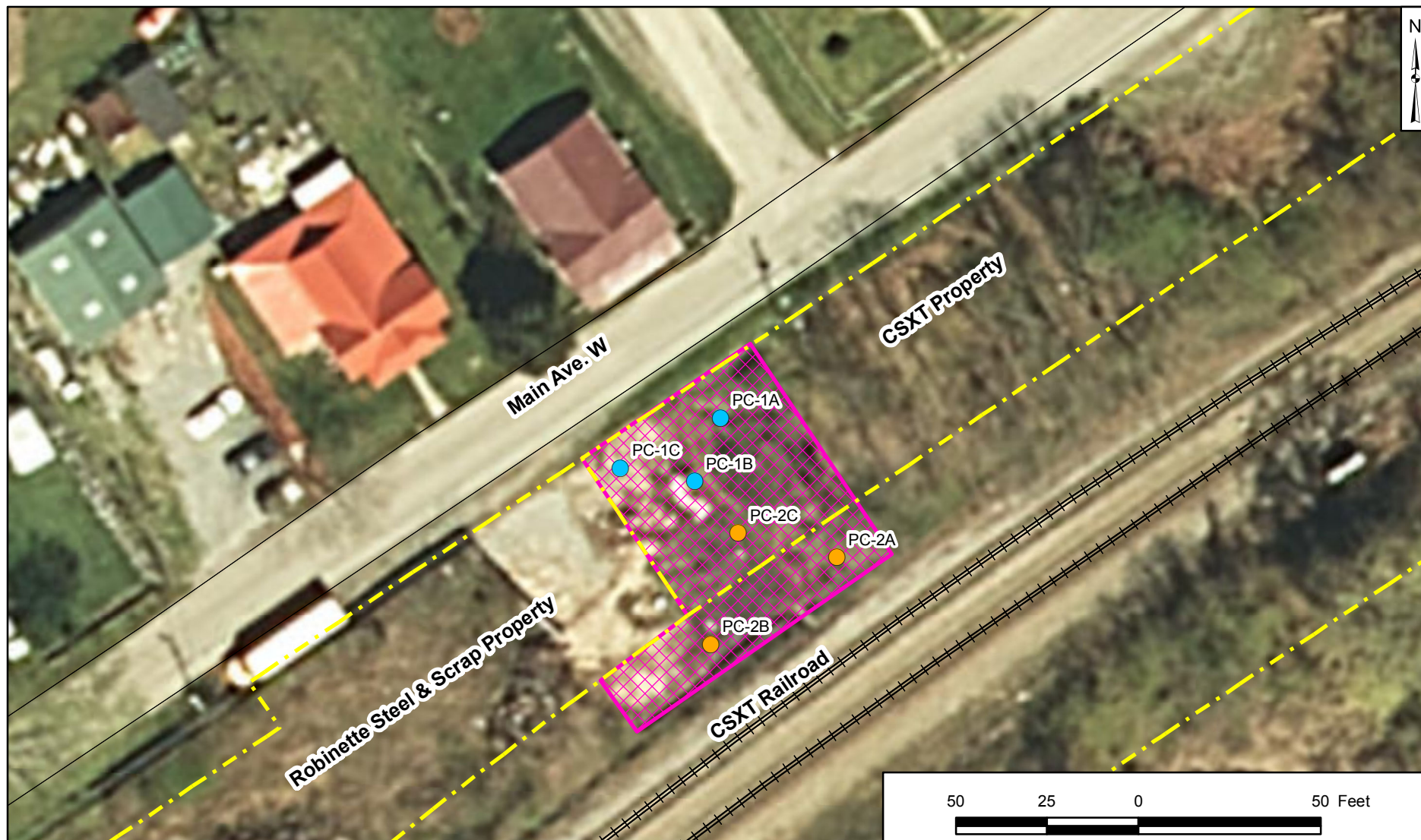
Date	Time	Material	Tons
2/5/2016	1625	Soil Backfill	20
2/5/2016	1634	Soil Backfill	20
2/6/2016	0758	Soil Backfill	20
2/6/2016	0758	Soil Backfill	20
2/6/2016	0815	Soil Backfill	20
2/6/2016	0825	Soil Backfill	20
2/6/2016	0835	Soil Backfill	20
2/6/2016	0836	Soil Backfill	20
2/6/2016	0925	Soil Backfill	20
2/6/2016	0926	Soil Backfill	20
2/6/2016	0937	Soil Backfill	20
2/6/2016	0941	Soil Backfill	20
2/6/2016	0945	Soil Backfill	20
2/6/2016	0951	Soil Backfill	20
2/6/2016	1023	Soil Backfill	20
2/6/2016	1031	Soil Backfill	20
2/6/2016	1043	Soil Backfill	20
2/6/2016	1047	Soil Backfill	20
2/6/2016	1057	Soil Backfill	20
2/6/2016	1108	Soil Backfill	20
2/8/2016	0857	Rip rap	20
2/8/2016	0859	Rip rap	20
2/8/2016	0902	Rip rap	20
2/8/2016	0941	Rip rap	20
2/8/2016	0942	Rip rap	20
2/8/2016	0952	Rip rap	20
2/8/2016	1023	Rip rap	20
2/8/2016	1026	Rip rap	20
2/8/2016	1039	Rip rap	20
2/8/2016	1106	Rip rap	20

Notes:
 Weights are estimated
 Rip rap was Class A1

FIGURES



<p>2,000 1,000 0 2,000 Feet</p>	
<p>Site Vicinity Map</p> <p>940 West Main Avenue Big Stone Gap, Virginia CSXT Project # R130220</p>	
<p>Geosyntec consultants</p>	<p>Figure 1</p>
<p>Knoxville, Tennessee</p>	<p>22-FEBRUARY-2016</p>



50 25 0 50 Feet

Legend

--- Property Line (Sept. 2014 Survey)

⋈ Railroad Tracks

— Road

Excavation Area

Waste Characterization Samples

● PC-1

● PC-2

Notes:

Samples were collected 11-13-2015

Sample locations are approximate

Sample depths were generally between 0-4 feet (ft) below ground surface (bgs)

Samples PC-1A, PC-1B, PC-1C, PC-2A, PC-2B, and PC-2C were composite samples. Samples were collected every 1 foot until refusal or 4 ft bgs.

Composite samples PC-1A, PC-1B, and PC-1C were combined and a composite sample was collected (PC-1)

Composite samples PC-2A, PC-2B, and PC-2C were combined and a composite sample was collected (PC-2)

Waste Characterization Sample Locations

940 West Main Avenue
Big Stone Gap, Virginia
CSXT Project # R130220

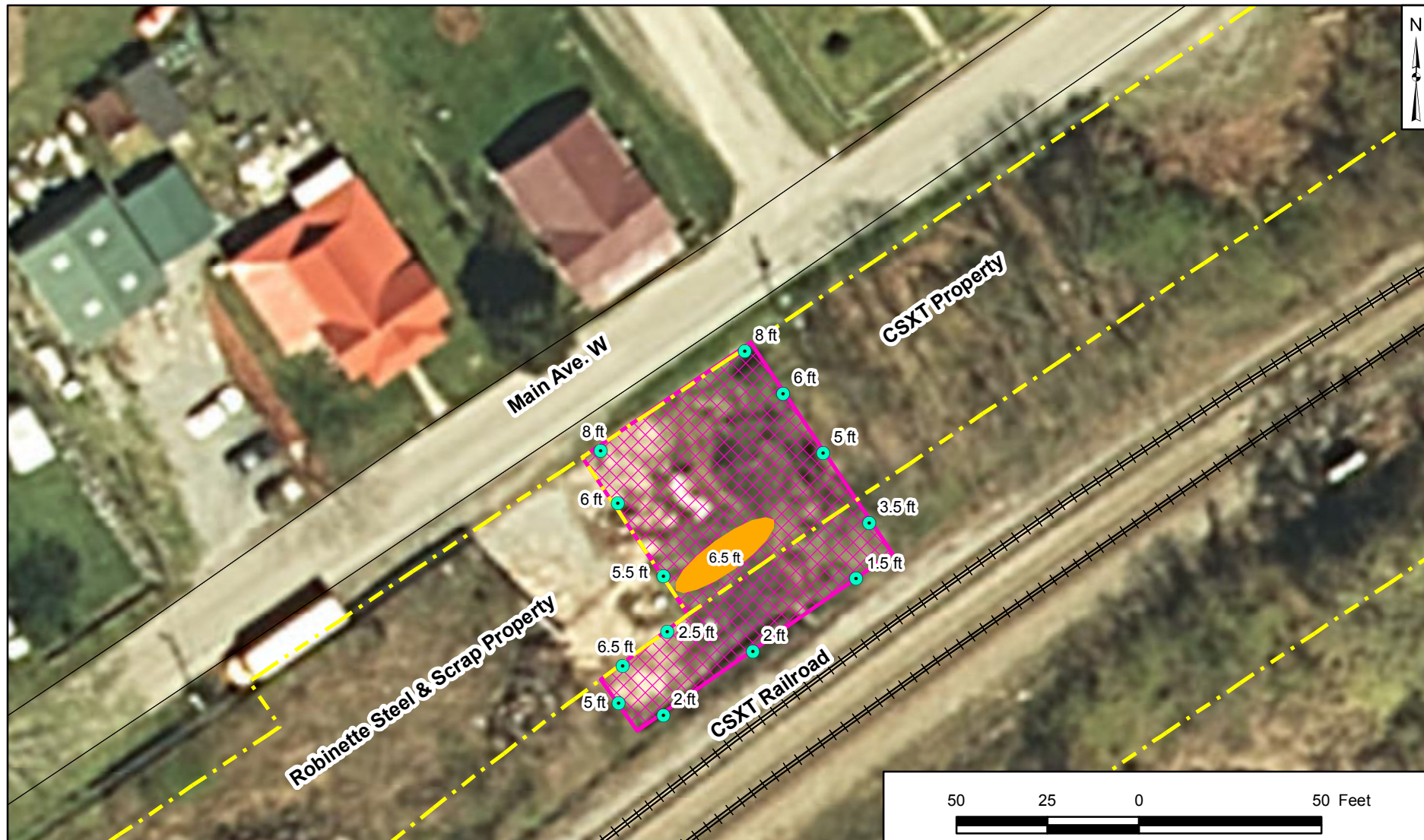
Geosyntec
consultants

Knoxville, Tennessee

25-MAY-2016

Figure

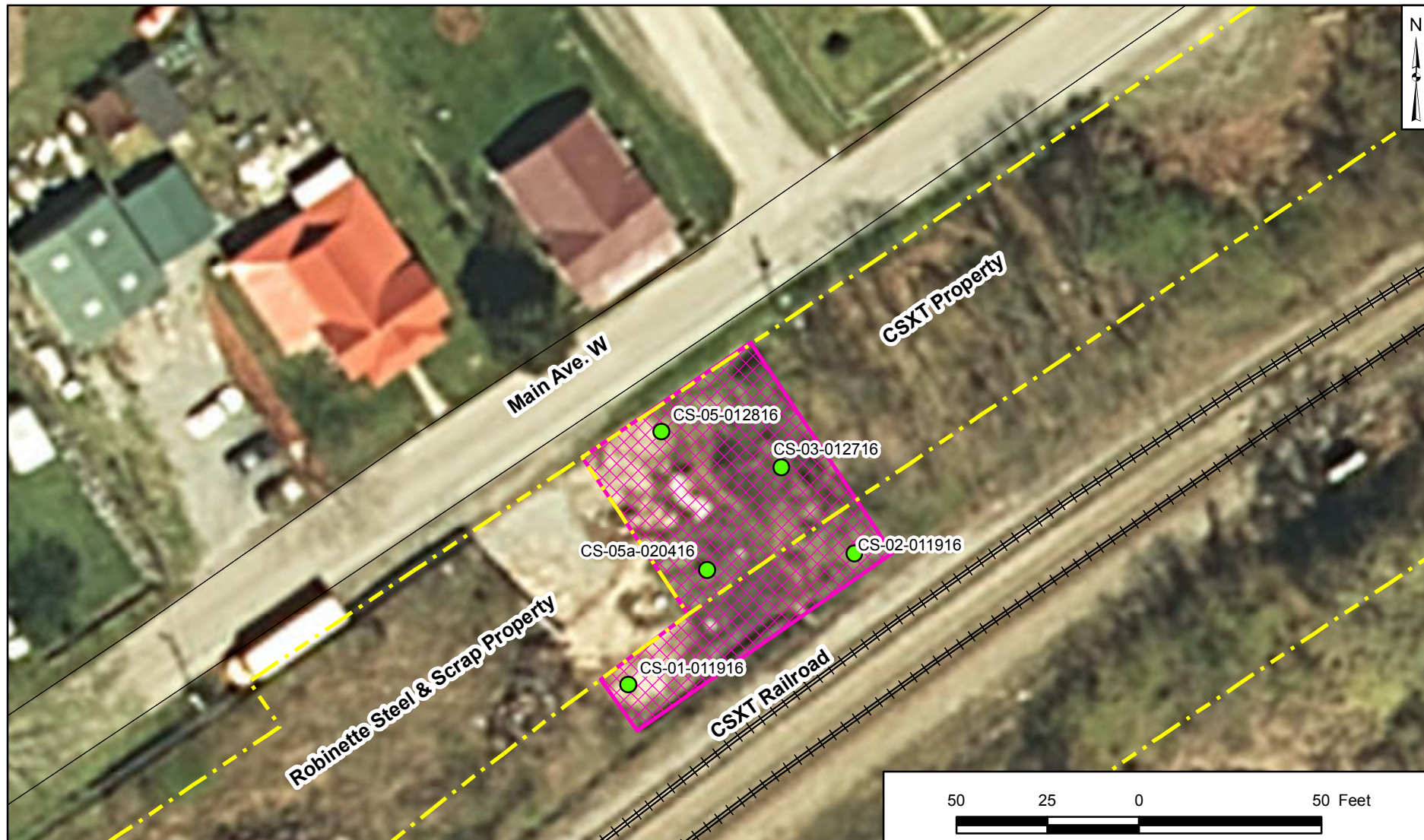
2



Legend	
	Excavation Depth
	Over-excavation
	Property Line (Sept. 2014 Survey)
	Railroad Tracks
	Road
	Excavation Area

Notes:	
Excavation boundaries along CSXT property are approximate	
Excavation depths, in feet (ft), are approximate	

Approximate Excavation Boundary	
940 West Main Avenue Big Stone Gap, Virginia CSXT Project # R130220	
Knoxville, Tennessee	22-FEBRUARY-2015
Figure 3	



Legend

- Confirmation Sample
- - - Property Line (Sept. 2014 Survey)
- Railroad Tracks
- Road
- Excavation Area

Notes:

Sample locations are approximate

Sample depths were generally 4 feet (ft) below ground surface (bgs)

CS-01-011916 was a composite sample collected from the bottom of the excavation

CS-02-011916 was a composite sample collected from the sidewall and bottom of the excavation

CS-03-012716 was a composite sample collected from the bottom of the excavation

CS-05-012816 was a composite sample collected from the bottom of the excavation

CS-05a-020416 was a composite sample collected from the bottom of the excavation

<p>Confirmation Sample Locations</p> <p>940 West Main Avenue Big Stone Gap, Virginia CSXT Project # R130220</p>	
<p>Geosyntec </p> <p>consultants</p>	
<p>Knoxville, Tennessee</p>	<p>22-FEBRUARY-2015</p>

Figure

4

APPENDIX A

Special Waste Permit, Profile, and Approvals



Reset Form

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
312 Rosa L. Parks Avenue, 14th Floor
Nashville, TN 37243

SPECIAL WASTE EVALUATION APPLICATION

PLEASE COMPLETE ALL QUESTIONS

Official Use Only
SPC ID #

1. GENERATOR INFORMATION.

(A) Facility Name:	CSX Transportation, Inc. (vacant land along railroad right-of-way)		
Mailing Address:	500 Water Street, J-275, Jacksonville, FL		
Zip Code:	32244	Phone:	904-366-4175
(B) Physical Location:	W. Main Ave. (no street number), Big Stone Gap, VA: (-82.792345, 36.862825)		
County:	Wise (Virginia)	Phone:	No phone onsite
(C) Nature of Business:	Site Remediation		
Technical Contact:	Leroy Leonard (Geosyntec Consultants, Inc.)		
Title:	Senior Scientist	Phone:	865-330-0037

2. UNDER TENNESSEE RULES GOVERNING HAZARDOUS WASTE MANAGEMENT, IS THE WASTE:

	YES	NO
(A) IGNITABLE?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(B) CORROSIVE?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(C) REACTIVE?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(D) TCLP HAZARDOUS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(E) IS IT A LISTED HAZARDOUS WASTE? ..	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Hazardous Waste Code(s):

Not applicable

RULE 0400-12-01-.03(1)(b) - A person who generates a waste must determine if that waste is a hazardous waste.

3. NAME AND/OR DESCRIPTION OF WASTE:

Waste will be generated as the result of site remediation. The majority of the material consists of fill soil. Other materials that will be disposed include scrap metal, railroad ties, boulders, gravel, and coal fines.

4. WASTE CHARACTERIZATION. Attach laboratory reports and/or material safety data sheets to adequately characterize the waste or explain why this is not necessary.

Describe any Special Handling Procedures:	Not applicable	
None	pH (if applicable)	N
	Radioactive (Y/N)	N
	Flash Point (if applicable)	Not applicable
	Infectious (Y/N)	N
	Physical State: Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Sludge <input type="checkbox"/> Slurry <input type="checkbox"/>	
Attachment Included (Y/N)	Color: Various	Percent Solid: 75%
Y		

5. DESCRIBE HOW WASTE IS GENERATED (Be Specific).

(A)	(B)
Rate of Waste "Generation": Quantity 1,500	Rate of Waste "Disposal": Quantity 250
Type Units: Tons <input checked="" type="checkbox"/> cy <input type="checkbox"/> lbs <input type="checkbox"/> Other (specify)	Type Units: Tons <input checked="" type="checkbox"/> cy <input type="checkbox"/> lbs <input type="checkbox"/> Other (specify)
Frequency of Generation: One Time <input checked="" type="checkbox"/> Daily <input type="checkbox"/>	Frequency of Disposal: One Time <input type="checkbox"/> Daily <input checked="" type="checkbox"/> Weekly <input type="checkbox"/>
Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Annually <input type="checkbox"/> Other (specify)	Monthly <input type="checkbox"/> Annually <input type="checkbox"/> Other (specify)

5. (continued)	
(C) Include a narrative and a flow diagram of the process that generates the waste. Your explanation must describe the POTENTIAL contaminants in the waste which should justify your scope of constituents in Item 3. Include attachments as necessary.	
<div style="border: 1px solid black; padding: 5px;"> <p>The waste will be generated as a result of site remediation involving soil excavation. The majority of the waste appears to have been placed on the Site by an adjacent scrap yard facility not associated with CSX. Two composite samples were collected at the site (each sample was a composite of three soil sample locations). The samples were analyzed for TCLP VOCs, TCLP SVOCs, TCLP RCRA 8 metals, and PCBs. There were no detections of VOCs or SVOCs. There were detections of Aroclor 1254 and 1260 in both samples with a concentration range of 0.0459 mg/kg to 0.375 mg/kg. Lead was also detected in both samples with concentrations of 0.056 mg/l and 0.061 mg/l.</p> </div>	
Attachment Included (Y/N) <input checked="" type="checkbox"/> Y Laboratory report included as attachment	
6. HOW IS WASTE PRESENTLY MANAGED?	
<div style="border: 1px solid black; padding: 5px;"> <p>The waste is currently managed in situ. The Site is fenced with a six-foot tall chainlink fence.</p> </div>	
7. DESCRIBE THE TYPE OF CONTAINER USED FOR TRANSPORT OF WASTE.	
Drums <input type="checkbox"/> Roll-Off <input type="checkbox"/> Container (dumpster, collector box) <input type="checkbox"/> Plastic Bags <input checked="" type="checkbox"/> Truck <input type="checkbox"/> Other <input type="text"/>	
8. PROPOSED DISPOSAL / PROCESSING FACILITY. List only a facility that you have contacted and which has agreed to accept your waste if approved by the Department.	
<div style="border: 1px solid black; padding: 5px;"> Republic Services Carter Valley Landfill </div>	
(A) Facility Name:	<div style="border: 1px solid black; padding: 2px;">Republic Services Carter Valley Landfill</div>
(B) Facility Permit Number:	<div style="border: 1px solid black; padding: 2px;">SNL37-104-0185 EXT</div>
(C) Facility Operator / Contact Name:	<div style="border: 1px solid black; padding: 2px;">Brian Mann</div>
Phone:	<div style="border: 1px solid black; padding: 2px;">615-947-8506</div>
9. PROPOSED TRANSPORTER.	
Name:	<div style="border: 1px solid black; padding: 2px;">Kerry Jones Trucking LLC</div>
Address:	<div style="border: 1px solid black; padding: 2px;">1894 Highway 11 W, Bristol, VA 37620</div>
Phone:	<div style="border: 1px solid black; padding: 2px;">423-282-3111</div>
10. I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, and accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.	
Waste Generator's Authorized Signature: <div style="border: 1px solid black; padding: 5px; height: 40px;"> </div>	Preparer's Signature (If Different): <div style="border: 1px solid black; padding: 5px; height: 40px;"> </div>
Date 11/30/2015	Date 11/30/2015
Official Use Only	
Reviewer's Signature	Date Reviewed

Send originals with attachments to the Solid Waste Environmental Field Office for the region in which the facility listed in Item 8 above is located.



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Solid Waste Management
312 Rosa Parks Avenue, 14th Floor
Nashville TN 37243

SPECIAL WASTE FEE WORKSHEET

1. DATE 11/30/2015	Central Office Use Only SPC ID # _____			
2. GENERATOR				
<p>(A) Name: <u>CSX Transportation, Inc.</u> Address: <u>500 Water Street, J-275, Jacksonville, FL 32244</u> Zip Code: <u>32244</u> Phone: <u>(904) 366-4174 (Kim Vaughn - CSX contact)</u></p> <p>(B) Contact Person: <u>Leroy Leonard (Geosyntec Consultants, Inc.)</u> Title: <u>Senior Scientist</u> Phone: <u>(865) 330-0037</u></p>				
3. Amount Enclosed: \$ <u>300.00</u>	4. <input checked="" type="checkbox"/> Special Waste Evaluation \$300 <input type="checkbox"/> Special Waste Recertification \$150			
5. Name and Address of Waste Processing or Disposal Facility Name: <u>Republic Services Carter Valley Landfill</u> Address: <u>2825 Carters Valley Road</u> Zip Code: <u>37642</u>				
Central Office Use Only				
CD Number	Date Received	Amount	Receipt #	Comments

Send fee worksheet with payment directly to.

State of Tennessee
Department of Environment and Conservation
Division of Fiscal Services – Fee Section – SWM
312 Rosa Parks Avenue, 10th Floor
Nashville, TN 37243



11/24/15

Technical Report for

CSX Transportation

GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

KX5586

Accutest Job Number: FA29290

Sampling Date: 11/13/15

Report to:

Geosyntec Consultants
180A Market Place Blvd
Knoxville, TN 37922
DGraves@Geosyntec.com; LLeonard@Geosyntec.com
ATTN: Leroy Leonard

Total number of pages in report: **46**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Norm Farmer'.

Norm Farmer
Technical Director

Client Service contact: Andrea Colby 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

CSX Transportation

Job No: FA29290

GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA
Project No: KX5586

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA29290-1	11/13/15	11:05 TM	11/14/15	SO	Soil	PC-1
FA29290-1L	11/13/15	11:05 TM	11/14/15	SO	Soil	PC-1
FA29290-2	11/13/15	12:02 TM	11/14/15	SO	Soil	PC-2
FA29290-2L	11/13/15	12:02 TM	11/14/15	SO	Soil	PC-2

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: CSX Transportation

Job No: FA29290

Site: GSYTNK: R130220/ENV116807: Y:970 W Main Ave, Big Stone

Report Date: 11/24/2015 4:23:24

2 Sample(s) were collected on 11/13/2015 and were received at Accutest SE on 11/14/2015 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of FA29290. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: LEACHATE

Batch ID: VN4062

All samples were prepared within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA29290-2LMS, FA29290-2LMSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270D

Matrix: LEACHATE

Batch ID: OP58396

All samples were prepared within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA29092-1LMS, FA29092-1LMSD, FA29123-1LLS, FA29290-1LDUP were used as the QC samples indicated.

RPD(s) for MSD for Pyridine are outside control limits for sample OP58396-MSD. Probable cause is due to sample non-homogeneity.

Extractables by GC By Method SW846 8082A

Matrix: SO

Batch ID: OP58402

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA29311-1MS, FA29311-1MSD were used as the QC samples indicated.

FA29290-1: All hits confirmed by dual column analysis.

FA29290-1 for Aroclor 1260: Estimated value due to the presence of multiple overlapping Aroclor patterns.

FA29290-1 for Aroclor 1254: Estimated value due to the presence of multiple overlapping Aroclor patterns.

FA29290-2 for Aroclor 1254: Estimated value due to the presence of multiple overlapping Aroclor patterns.

FA29290-2 for Aroclor 1260: Estimated value due to the presence of multiple overlapping Aroclor patterns.

Metals By Method SW846 6010C

Matrix: LEACHATE

Batch ID: MP29682

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA29290-1LDUP, FA29290-2LDUP, FA29290-2LMS, FA29290-2LMSD, FA29290-2LSDL were used as the QC samples for metals.

RPD(s) for Duplicate for Lead are outside control limits for sample MP29682-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD(s) for Serial Dilution for Cadmium, Lead are outside control limits for sample MP29682-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: LEACHATE

Batch ID: MP29680

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA29187-1LMS, FA29187-1LMSD, FA29187-1LSDL, FA29290-1LDUP were used as the QC samples for metals.

Wet Chemistry By Method SM19 2540G

Matrix: SO

Batch ID: GN68706

Sample(s) FA29293-11DUP were used as the QC samples for Solids, Percent.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Kim Benham, Client Services (signature on file)

Date: November 24, 2015

Summary of Hits

Page 1 of 1

Job Number: FA29290

Account: CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Collected: 11/13/15

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

FA29290-1 PC-1

Aroclor 1254 ^a	0.375 J	0.090	0.036	mg/kg	SW846 8082A
Aroclor 1260 ^a	0.151 J	0.090	0.036	mg/kg	SW846 8082A

FA29290-1L PC-1

Lead	0.056	0.050		mg/l	SW846 6010C
------	-------	-------	--	------	-------------

FA29290-2 PC-2

Aroclor 1254 ^b	0.0459 J	0.055	0.022	mg/kg	SW846 8082A
Aroclor 1260 ^b	0.0918 J	0.055	0.022	mg/kg	SW846 8082A

FA29290-2L PC-2

Lead	0.061	0.050		mg/l	SW846 6010C
------	-------	-------	--	------	-------------

(a) All hits confirmed by dual column analysis. Estimated value due to the presence of multiple overlapping Aroclor patterns.

(b) Estimated value due to the presence of multiple overlapping Aroclor patterns.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PC-1		
Lab Sample ID:	FA29290-1	Date Sampled:	11/13/15
Matrix:	SO - Soil	Date Received:	11/14/15
Method:	SW846 8082A SW846 3546	Percent Solids:	73.7
Project:	GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	ST136831.D	4	11/19/15	RS	11/18/15	OP58402	GST3257
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.090	0.036	mg/kg	
11104-28-2	Aroclor 1221	ND	0.090	0.045	mg/kg	
11141-16-5	Aroclor 1232	ND	0.090	0.045	mg/kg	
53469-21-9	Aroclor 1242	ND	0.090	0.036	mg/kg	
12672-29-6	Aroclor 1248	ND	0.090	0.036	mg/kg	
11097-69-1	Aroclor 1254 ^b	0.375	0.090	0.036	mg/kg	J
11096-82-5	Aroclor 1260 ^b	0.151	0.090	0.036	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%		44-126%
2051-24-3	Decachlorobiphenyl	118%		41-145%

(a) All hits confirmed by dual column analysis.

(b) Estimated value due to the presence of multiple overlapping Aroclor patterns.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PC-1	Date Sampled:	11/13/15
Lab Sample ID:	FA29290-1L	Date Received:	11/14/15
Matrix:	SO - Soil	Percent Solids:	73.7
Method:	SW846 8260B SW846 1311		
Project:	GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0090272.D	10	11/22/15	RB	11/17/15	OP58379	VN4062
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List

TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.010	0.0020	mg/l	
78-93-3	2-Butanone (MEK)	ND	D035	200	0.050	0.012	mg/l	
56-23-5	Carbon Tetrachloride	ND	D019	0.50	0.010	0.0028	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.010	0.0020	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.010	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.010	0.0025	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.010	0.0020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.010	0.0027	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.010	0.0033	mg/l	
79-01-6	Trichloroethylene	ND	D040	0.50	0.010	0.0022	mg/l	
75-01-4	Vinyl Chloride	ND	D043	0.20	0.010	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261.6(g))
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PC-1	Date Sampled:	11/13/15
Lab Sample ID:	FA29290-1L	Date Received:	11/14/15
Matrix:	SO - Soil	Percent Solids:	73.7
Method:	SW846 8270D SW846 3510C		
Project:	GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0684713.D	1	11/20/15	MV	11/18/15	OP58396	SL3749
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List

TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	0.0050	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	0.010	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.0068	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.0063	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	0.0065	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	0.0058	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	0.0063	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	0.0060	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.0068	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	0.0052	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.10	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		14-67%
4165-62-2	Phenol-d5	30%		10-50%
118-79-6	2,4,6-Tribromophenol	90%		33-118%
4165-60-0	Nitrobenzene-d5	75%		42-108%
321-60-8	2-Fluorobiphenyl	78%		40-106%
1718-51-0	Terphenyl-d14	89%		39-121%

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261.6/96)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PC-1	Date Sampled: 11/13/15
Lab Sample ID: FA29290-1L	Date Received: 11/14/15
Matrix: SO - Soil	Percent Solids: 73.7
Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA	

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.10	D004	5.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Barium	< 2.0	D005	100	2.0	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Cadmium	< 0.050	D006	1.0	0.050	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Chromium	< 0.10	D007	5.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Lead	0.056	D008	5.0	0.050	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.0050	D009	0.20	0.0050	mg/l	1	11/18/15	11/18/15 JL	SW846 7470A ¹	SW846 7470A ³
Selenium	< 0.10	D010	1.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Silver	< 0.10	D011	5.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA12796

(2) Instrument QC Batch: MA12797

(3) Prep QC Batch: MP29680

(4) Prep QC Batch: MP29682

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6(g))

Report of Analysis

Client Sample ID:	PC-2		
Lab Sample ID:	FA29290-2	Date Sampled:	11/13/15
Matrix:	SO - Soil	Date Received:	11/14/15
Method:	SW846 8082A SW846 3546	Percent Solids:	74.2
Project:	GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ST136834.D	1	11/19/15	RS	11/18/15	OP58402	GST3257
Run #2							

	Initial Weight	Final Volume
Run #1	6.15 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.055	0.022	mg/kg	
11104-28-2	Aroclor 1221	ND	0.055	0.027	mg/kg	
11141-16-5	Aroclor 1232	ND	0.055	0.027	mg/kg	
53469-21-9	Aroclor 1242	ND	0.055	0.022	mg/kg	
12672-29-6	Aroclor 1248	ND	0.055	0.022	mg/kg	
11097-69-1	Aroclor 1254 ^a	0.0459	0.055	0.022	mg/kg	J
11096-82-5	Aroclor 1260 ^a	0.0918	0.055	0.022	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		44-126%
2051-24-3	Decachlorobiphenyl	95%		41-145%

(a) Estimated value due to the presence of multiple overlapping Aroclor patterns.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PC-2	Date Sampled:	11/13/15
Lab Sample ID:	FA29290-2L	Date Received:	11/14/15
Matrix:	SO - Soil	Percent Solids:	74.2
Method:	SW846 8260B SW846 1311		
Project:	GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0090273.D	10	11/22/15	RB	11/17/15	OP58379	VN4062
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List

TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.010	0.0020	mg/l	
78-93-3	2-Butanone (MEK)	ND	D035	200	0.050	0.012	mg/l	
56-23-5	Carbon Tetrachloride	ND	D019	0.50	0.010	0.0028	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.010	0.0020	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.010	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.010	0.0025	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.010	0.0020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	D029	0.70	0.010	0.0027	mg/l	
127-18-4	Tetrachloroethylene	ND	D039	0.70	0.010	0.0033	mg/l	
79-01-6	Trichloroethylene	ND	D040	0.50	0.010	0.0022	mg/l	
75-01-4	Vinyl Chloride	ND	D043	0.20	0.010	0.0025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261.6(g))
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PC-2	Date Sampled:	11/13/15
Lab Sample ID:	FA29290-2L	Date Received:	11/14/15
Matrix:	SO - Soil	Percent Solids:	74.2
Method:	SW846 8270D SW846 3510C		
Project:	GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0684715.D	1	11/20/15	MV	11/18/15	OP58396	SL3749
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List

TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	D023	200	0.050	0.0050	mg/l	
	3&4-Methylphenol	ND	D024	200	0.050	0.010	mg/l	
87-86-5	Pentachlorophenol	ND	D037	100	0.25	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	D041	400	0.050	0.0068	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	D042	2.0	0.050	0.0063	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.050	0.0065	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	D030	0.13	0.050	0.0058	mg/l	
118-74-1	Hexachlorobenzene	ND	D032	0.13	0.050	0.0063	mg/l	
87-68-3	Hexachlorobutadiene	ND	D033	0.50	0.050	0.0060	mg/l	
67-72-1	Hexachloroethane	ND	D034	3.0	0.050	0.0068	mg/l	
98-95-3	Nitrobenzene	ND	D036	2.0	0.050	0.0052	mg/l	
110-86-1	Pyridine	ND	D038	5.0	0.10	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-67%
4165-62-2	Phenol-d5	27%		10-50%
118-79-6	2,4,6-Tribromophenol	85%		33-118%
4165-60-0	Nitrobenzene-d5	72%		42-108%
321-60-8	2-Fluorobiphenyl	75%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 MCL = Maximum Contamination Level (40 CFR 261.6/96) B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PC-2	Date Sampled: 11/13/15
Lab Sample ID: FA29290-2L	Date Received: 11/14/15
Matrix: SO - Soil	Percent Solids: 74.2
Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA	

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.10	D004	5.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Barium	< 2.0	D005	100	2.0	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Cadmium	< 0.050	D006	1.0	0.050	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Chromium	< 0.10	D007	5.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Lead	0.061	D008	5.0	0.050	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Mercury	< 0.0050	D009	0.20	0.0050	mg/l	1	11/18/15	11/18/15 JL	SW846 7470A ¹	SW846 7470A ³
Selenium	< 0.10	D010	1.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴
Silver	< 0.10	D011	5.0	0.10	mg/l	1	11/18/15	11/18/15 LM	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA12796

(2) Instrument QC Batch: MA12797

(3) Prep QC Batch: MP29680

(4) Prep QC Batch: MP29682

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6(g))

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

5.1

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA29290 CLIENT: GEOSYNTEC PROJECT: R130220
 DATE/TIME RECEIVED: 11/14/15 10:00 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8094 7817 9964

COOLER INFORMATION

- ☐ CUSTODY SEAL NOT PRESENT OR NOT INTACT
☐ CHAIN OF CUSTODY NOT RECEIVED (COC)
☐ ANALYSIS REQUESTED IS UNCLEAR OR MISSING
☐ SAMPLE DATES OR TIMES UNCLEAR OR MISSING
☐ TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- ☐ TRIP BLANK PROVIDED
☒ TRIP BLANK NOT PROVIDED
☒ TRIP BLANK NOT ON COC
☐ TRIP BLANK INTACT
☐ TRIP BLANK NOT INTACT
☐ RECEIVED WATER TRIP BLANK
☐ RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM _____ 5-GRAM _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

TEST STRIP LOT#s pH 0-3 204413A pH 10-12 219813A OTHER (specify) _____

SUMMARY OF COMMENTS: _____

TEMPERATURE INFORMATION

- ☐ IR THERM ID #1 CORR. FACTOR -0.4
☐ OBSERVED TEMPS: 3.2
☐ CORRECTED TEMPS: 2.8 (USED FOR LIMS)

SAMPLE INFORMATION

- ☐ INCORRECT NUMBER OF CONTAINERS USED
☐ SAMPLE RECEIVED IMPROPERLY PRESERVED
☐ INSUFFICIENT VOLUME FOR ANALYSIS
☐ DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
☐ ID'S ON COC DO NOT MATCH LABEL
☐ VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
☐ BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
☐ NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
☐ UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
☐ SAMPLE CONTAINER(S) RECEIVED BROKEN
☐ 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
☐ BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
☐ % SOLIDS JAR NOT RECEIVED
☐ RESIDUAL CHLORINE PRESENT LOT# _____

{APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

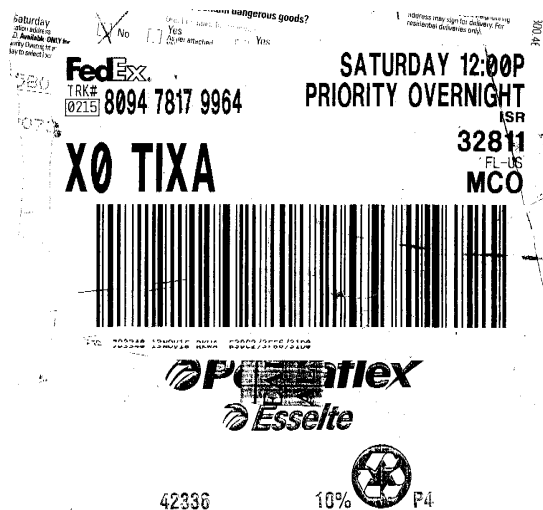
TECHNICIAN SIGNATURE/DATE [Signature] 11/16/15 REVIEWER SIGNATURE/DATE [Signature] 11/16/15

NF 11/15

receipt confirmation 111015.xls

FA29290: Chain of Custody

Page 2 of 3



FA29290: Chain of Custody
Page 3 of 3

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Leachate Blank Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58379-LB	N0090128.D	10	11/18/15	RB	11/17/15	OP58379	VN4053

The QC reported here applies to the following samples:

Method: SW846 8260B

FA29290-1L, FA29290-2L

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	10	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	12	ug/l	
56-23-5	Carbon Tetrachloride	ND	10	2.8	ug/l	
108-90-7	Chlorobenzene	ND	10	2.0	ug/l	
67-66-3	Chloroform	ND	10	3.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.5	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	2.0	ug/l	
75-35-4	1,1-Dichloroethylene	ND	10	2.7	ug/l	
127-18-4	Tetrachloroethylene	ND	10	3.3	ug/l	
79-01-6	Trichloroethylene	ND	10	2.2	ug/l	
75-01-4	Vinyl Chloride	ND	10	2.5	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	106% 83-118%
17060-07-0	1,2-Dichloroethane-D4	104% 79-125%
2037-26-5	Toluene-D8	100% 85-112%
460-00-4	4-Bromofluorobenzene	98% 83-118%

Leachate Blank Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58379-LB	N0090270.D	10	11/22/15	RB	11/17/15	OP58379	VN4062

The QC reported here applies to the following samples:

Method: SW846 8260B

FA29290-1L, FA29290-2L

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	10	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	12	ug/l	
56-23-5	Carbon Tetrachloride	ND	10	2.8	ug/l	
108-90-7	Chlorobenzene	ND	10	2.0	ug/l	
67-66-3	Chloroform	ND	10	3.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.5	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	2.0	ug/l	
75-35-4	1,1-Dichloroethylene	ND	10	2.7	ug/l	
127-18-4	Tetrachloroethylene	ND	10	3.3	ug/l	
79-01-6	Trichloroethylene	ND	10	2.2	ug/l	
75-01-4	Vinyl Chloride	ND	10	2.5	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	98% 83-118%
17060-07-0	1,2-Dichloroethane-D4	93% 79-125%
2037-26-5	Toluene-D8	99% 85-112%
460-00-4	4-Bromofluorobenzene	102% 83-118%

Blank Spike Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN4062-BS	N0090269.D	10	11/22/15	RB	n/a	n/a	VN4062

The QC reported here applies to the following samples:

Method: SW846 8260B

FA29290-1L, FA29290-2L

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	250	252	101	81-122
78-93-3	2-Butanone (MEK)	1250	929	74	56-143
56-23-5	Carbon Tetrachloride	250	270	108	76-136
108-90-7	Chlorobenzene	250	244	98	82-124
67-66-3	Chloroform	250	241	96	80-124
106-46-7	1,4-Dichlorobenzene	250	228	91	78-120
107-06-2	1,2-Dichloroethane	250	224	90	75-125
75-35-4	1,1-Dichloroethylene	250	222	89	78-137
127-18-4	Tetrachloroethylene	250	280	112	76-135
79-01-6	Trichloroethylene	250	252	101	81-126
75-01-4	Vinyl Chloride	250	234	94	69-159

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA29290-2LMS	N0090287.D	10	11/23/15	RB	n/a	n/a	VN4062
FA29290-2LMSD	N0090288.D	10	11/23/15	RB	n/a	n/a	VN4062
FA29290-2L	N0090273.D	10	11/22/15	RB	11/17/15	OP58379	VN4062

The QC reported here applies to the following samples:

Method: SW846 8260B

FA29290-1L, FA29290-2L

CAS No.	Compound	FA29290-2L ug/l	Spike Q	ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	250	248	99	250	226	90	9	81-122/14	
78-93-3	2-Butanone (MEK)	ND	1250	916	73	1250	926	74	1	56-143/18	
56-23-5	Carbon Tetrachloride	ND	250	264	106	250	238	95	10	76-136/23	
108-90-7	Chlorobenzene	ND	250	243	97	250	219	88	10	82-124/14	
67-66-3	Chloroform	ND	250	242	97	250	219	88	10	80-124/15	
106-46-7	1,4-Dichlorobenzene	ND	250	227	91	250	205	82	10	78-120/15	
107-06-2	1,2-Dichloroethane	ND	250	223	89	250	207	83	7	75-125/14	
75-35-4	1,1-Dichloroethylene	ND	250	230	92	250	204	82	12	78-137/18	
127-18-4	Tetrachloroethylene	ND	250	264	106	250	242	97	9	76-135/16	
79-01-6	Trichloroethylene	ND	250	249	100	250	223	89	11	81-126/15	
75-01-4	Vinyl Chloride	ND	250	234	94	250	240	96	3	69-159/18	

CAS No.	Surrogate Recoveries	MS	MSD	FA29290-2L Limits	
1868-53-7	Dibromofluoromethane	99%	99%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	96%	92%	79-125%
2037-26-5	Toluene-D8	97%	98%	99%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	106%	83-118%

* = Outside of Control Limits.

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Leachate Blank Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58396-LB	L0684704.D	1	11/20/15	MV	11/18/15	OP58396	SL3749

The QC reported here applies to the following samples:

Method: SW846 8270D

FA29290-1L, FA29290-2L

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	50	5.0	ug/l	
	3&4-Methylphenol	ND	50	10	ug/l	
87-86-5	Pentachlorophenol	ND	250	50	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	50	6.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	50	6.3	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	6.5	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	50	5.8	ug/l	
118-74-1	Hexachlorobenzene	ND	50	6.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	6.0	ug/l	
67-72-1	Hexachloroethane	ND	50	6.8	ug/l	
98-95-3	Nitrobenzene	ND	50	5.2	ug/l	
110-86-1	Pyridine	ND	100	20	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	36% 14-67%
4165-62-2	Phenol-d5	25% 10-50%
118-79-6	2,4,6-Tribromophenol	82% 33-118%
4165-60-0	Nitrobenzene-d5	65% 42-108%
321-60-8	2-Fluorobiphenyl	69% 40-106%
1718-51-0	Terphenyl-d14	85% 39-121%

Blank Spike Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58396-LBS	L0684703.D	1	11/20/15	MV	11/18/15	OP58396	SL3749

The QC reported here applies to the following samples:

Method: SW846 8270D

FA29290-1L, FA29290-2L

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-48-7	2-Methylphenol	500	335	67	43-90
	3&4-Methylphenol	1000	577	58	36-88
87-86-5	Pentachlorophenol	1000	923	92	61-115
95-95-4	2,4,5-Trichlorophenol	500	432	86	62-109
88-06-2	2,4,6-Trichlorophenol	500	433	87	59-107
106-46-7	1,4-Dichlorobenzene	500	263	53	45-98
121-14-2	2,4-Dinitrotoluene	500	436	87	61-110
118-74-1	Hexachlorobenzene	500	434	87	63-108
87-68-3	Hexachlorobutadiene	500	262	52	42-102
67-72-1	Hexachloroethane	500	228	46	42-100
98-95-3	Nitrobenzene	500	366	73	50-104
110-86-1	Pyridine	500	198	40	23-74

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	48%	14-67%
4165-62-2	Phenol-d5	32%	10-50%
118-79-6	2,4,6-Tribromophenol	88%	33-118%
4165-60-0	Nitrobenzene-d5	74%	42-108%
321-60-8	2-Fluorobiphenyl	81%	40-106%
1718-51-0	Terphenyl-d14	94%	39-121%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58396-MS	L0684706.D	1	11/20/15	MV	11/18/15	OP58396	SL3749
OP58396-MSD	L0684707.D	1	11/20/15	MV	11/18/15	OP58396	SL3749
FA29092-1L	L0684705.D	1	11/20/15	MV	11/18/15	OP58396	SL3749

The QC reported here applies to the following samples:

Method: SW846 8270D

FA29290-1L, FA29290-2L

CAS No.	Compound	FA29092-1L ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD	
95-48-7	2-Methylphenol	8.1	J	500	289	56	500	304	59	5	43-90/28
	3&4-Methylphenol	14.7	J	1000	509	49	1000	545	53	7	36-88/28
87-86-5	Pentachlorophenol	250 U		1000	894	89	1000	895	90	0	61-115/26
95-95-4	2,4,5-Trichlorophenol	11.5	J	500	395	77	500	406	79	3	62-109/22
88-06-2	2,4,6-Trichlorophenol	10.4	J	500	397	77	500	392	76	1	59-107/23
106-46-7	1,4-Dichlorobenzene	6.7	J	500	268	52	500	309	60	14	45-98/25
121-14-2	2,4-Dinitrotoluene	8.8	J	500	412	81	500	417	82	1	61-110/21
118-74-1	Hexachlorobenzene	10.3	J	500	412	80	500	411	80	0	63-108/22
87-68-3	Hexachlorobutadiene	6.8	J	500	246	48	500	295	58	18	42-102/28
67-72-1	Hexachloroethane	50 U		500	244	49	500	301	60	21	42-100/29
98-95-3	Nitrobenzene	10.5	J	500	333	65	500	328	64	2	50-104/28
110-86-1	Pyridine	100 U		500	141	28	500	214	43	41*	23-74/34

CAS No.	Surrogate Recoveries	MS	MSD	FA29092-1L Limits	
367-12-4	2-Fluorophenol	35%	39%	27%	14-67%
4165-62-2	Phenol-d5	25%	28%	19%	10-50%
118-79-6	2,4,6-Tribromophenol	83%	81%	72%	33-118%
4165-60-0	Nitrobenzene-d5	64%	64%	52%	42-108%
321-60-8	2-Fluorobiphenyl	74%	73%	59%	40-106%
1718-51-0	Terphenyl-d14	89%	91%	78%	39-121%

* = Outside of Control Limits.

Leachate Spike Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58396-LS	L0684712.D	1	11/20/15	MV	11/18/15	OP58396	SL3749
FA29123-1L	L0684711.D	1	11/20/15	MV	11/18/15	OP58396	SL3749

The QC reported here applies to the following samples:

Method: SW846 8270D

FA29290-1L, FA29290-2L

CAS No.	Compound	FA29123-1L Spike ug/l	Q	LS ug/l	LS %	Limits
95-48-7	2-Methylphenol	50 U	500	308	62	43-90
	3&4-Methylphenol	50 U	1000	533	53	36-88
87-86-5	Pentachlorophenol	250 U	1000	870	87	61-115
95-95-4	2,4,5-Trichlorophenol	50 U	500	423	85	62-109
88-06-2	2,4,6-Trichlorophenol	50 U	500	417	83	59-107
106-46-7	1,4-Dichlorobenzene	50 U	500	190	38*	45-98
121-14-2	2,4-Dinitrotoluene	50 U	500	415	83	61-110
118-74-1	Hexachlorobenzene	50 U	500	406	81	63-108
87-68-3	Hexachlorobutadiene	50 U	500	175	35*	42-102
67-72-1	Hexachloroethane	50 U	500	154	31*	42-100
98-95-3	Nitrobenzene	50 U	500	330	66	50-104
110-86-1	Pyridine	100 U	500	206	41	23-74

CAS No.	Surrogate Recoveries	LS	FA29123-1L Limits
367-12-4	2-Fluorophenol	45%	40% 14-67%
4165-62-2	Phenol-d5	29%	27% 10-50%
118-79-6	2,4,6-Tribromophenol	84%	84% 33-118%
4165-60-0	Nitrobenzene-d5	69%	74% 42-108%
321-60-8	2-Fluorobiphenyl	78%	76% 40-106%
1718-51-0	Terphenyl-d14	89%	80% 39-121%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 1

Job Number: FA29290**Account:** CSXT CSX Transportation**Project:** GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58396-DUP	L0684714.D	1	11/20/15	MV	11/18/15	OP58396	SL3749
FA29290-1L	L0684713.D	1	11/20/15	MV	11/18/15	OP58396	SL3749

The QC reported here applies to the following samples:**Method:** SW846 8270D

FA29290-1L, FA29290-2L

CAS No.	Compound	FA29290-1L DUP		Q	RPD	Limits
		ug/l	Q ug/l			
95-48-7	2-Methylphenol	ND	ND		nc	28
	3&4-Methylphenol	ND	ND		nc	28
87-86-5	Pentachlorophenol	ND	ND		nc	26
95-95-4	2,4,5-Trichlorophenol	ND	ND		nc	22
88-06-2	2,4,6-Trichlorophenol	ND	ND		nc	23
106-46-7	1,4-Dichlorobenzene	ND	ND		nc	25
121-14-2	2,4-Dinitrotoluene	ND	ND		nc	21
118-74-1	Hexachlorobenzene	ND	ND		nc	22
87-68-3	Hexachlorobutadiene	ND	ND		nc	28
67-72-1	Hexachloroethane	ND	ND		nc	29
98-95-3	Nitrobenzene	ND	ND		nc	28
110-86-1	Pyridine	ND	ND		nc	34

CAS No.	Surrogate Recoveries	DUP	FA29290-1L Limits	
367-12-4	2-Fluorophenol	36%	43%	14-67%
4165-62-2	Phenol-d5	25%	30%	10-50%
118-79-6	2,4,6-Tribromophenol	85%	90%	33-118%
4165-60-0	Nitrobenzene-d5	68%	75%	42-108%
321-60-8	2-Fluorobiphenyl	69%	78%	40-106%
1718-51-0	Terphenyl-d14	84%	89%	39-121%

* = Outside of Control Limits.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58402-MB	ST136816.D	1	11/19/15	RS	11/18/15	OP58402	GST3257

The QC reported here applies to the following samples:

Method: SW846 8082A

FA29290-1, FA29290-2

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	17	6.7	ug/kg	
11104-28-2	Aroclor 1221	ND	17	8.3	ug/kg	
11141-16-5	Aroclor 1232	ND	17	8.3	ug/kg	
53469-21-9	Aroclor 1242	ND	17	6.7	ug/kg	
12672-29-6	Aroclor 1248	ND	17	6.7	ug/kg	
11097-69-1	Aroclor 1254	ND	17	6.7	ug/kg	
11096-82-5	Aroclor 1260	ND	17	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	90% 44-126%
2051-24-3	Decachlorobiphenyl	93% 41-145%

8.1.1

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Blank Spike Summary

Page 1 of 1

Job Number: FA29290

Account: CSXT CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58402-BS	ST136815.D	1	11/19/15	RS	11/18/15	OP58402	GST3257

The QC reported here applies to the following samples:

Method: SW846 8082A

FA29290-1, FA29290-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	133	132	99	58-126
11096-82-5	Aroclor 1260	133	155	116	59-133

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	95%	44-126%
2051-24-3	Decachlorobiphenyl	116%	41-145%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA29290
Account: CSXT CSX Transportation
Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP58402-MS	ST136818.D	1	11/19/15	RS	11/18/15	OP58402	GST3257
OP58402-MSD	ST136819.D	1	11/19/15	RS	11/18/15	OP58402	GST3257
FA29311-1 ^a	ST136817.D	1	11/19/15	RS	11/18/15	OP58402	GST3257

The QC reported here applies to the following samples: Method: SW846 8082A

FA29290-1, FA29290-2

CAS No.	Compound	FA29311-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	663	634	96	617	571	93	10	58-126/25
11096-82-5	Aroclor 1260	ND	663	793	120	617	705	114	12	59-133/31

CAS No.	Surrogate Recoveries	MS	MSD	FA29311-1	Limits
877-09-8	Tetrachloro-m-xylene	86%	84%	89%	44-126%
2051-24-3	Decachlorobiphenyl	110%	104%	110%	41-145%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA29290
Account: CSXT - CSX Transportation
Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29680
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 11/18/15 11/18/15 11/18/15

Metal	RL	IDL	MDL	MB raw	final	MB raw	final	MB raw	final
Mercury	0.00050	.00003	.00005	-0.000011	<0.00050	0.000012	<0.00050	-0.000054	<0.00050

Associated samples MP29680: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA29290
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29680
 Matrix Type: LEACHATE

Methods: SW846 7470A
 Units: mg/l

Prep Date: 11/18/15

Metal	FA29187-1L Original MS	Spikelot HGFLWS1	% Rec	QC Limits
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Mercury	0.0	0.030	0.030	100.0	80-120
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Associated samples MP29680: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA29290
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29680 Methods: SW846 7470A
 Matrix Type: LEACHATE Units: mg/l

Prep Date: 11/18/15 11/18/15

Metal	FA29187-1L		Spikelot		MSD	QC	FA29290-1L			QC
	Original MSD		HGFLWS1	% Rec	RPD	Limit	Original DUP		RPD	Limits
Mercury	0.0	0.030	0.030	100.0	0.0	20	0.0	0.0	NC	0-20

Associated samples MP29680: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA29290

Account: CSXT - CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29680

Methods: SW846 7470A

Matrix Type: LEACHATE

Units: mg/l

Prep Date:

11/18/15

11/18/15

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0031	0.0030	103.3	80-120	0.030	0.030	100.0	80-120

Associated samples MP29680: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA29290

Account: CSXT - CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29680

Methods: SW846 7470A

Matrix Type: LEACHATE

Units: mg/l

Prep Date: 11/18/15

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.030	0.030	100.0	80-120

Associated samples MP29680: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA29290
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29680
 Matrix Type: LEACHATE

Methods: SW846 7470A
 Units: ug/l

Prep Date: 11/18/15

Metal	FA29187-1L		QC	
	Original	SDL 1:5	%DIF	Limits

Mercury	0.00	0.00	NC	0-10
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Associated samples MP29680: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA29290
Account: CSXT - CSX Transportation
Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29682
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 11/18/15 11/18/15

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	0.20	.014	.014				
Antimony	0.0060	.001	.001				
Arsenic	0.010	.0013	.0013	-0.00020	<0.010	-0.00050	<0.10
Barium	0.20	.001	.005	0.0	<0.20	0.0	<2.0
Beryllium	0.0040	.0002	.0002				
Cadmium	0.0050	.0002	.0002	0.0	<0.0050	0.0	<0.050
Calcium	1.0	.05	.05				
Chromium	0.010	.001	.001	0.0	<0.010	-0.00020	<0.10
Cobalt	0.050	.0002	.0002				
Copper	0.025	.001	.001				
Iron	0.30	.017	.017				
Lead	0.0050	.001	.0011	-0.0010	<0.0050	0.012	<0.050
Magnesium	5.0	.035	.035				
Manganese	0.015	.0005	.001				
Molybdenum	0.050	.0003	.0003				
Nickel	0.040	.0004	.0004				
Potassium	10	.2	.2				
Selenium	0.010	.0024	.0029	0.00030	<0.010	-0.00070	<0.10
Silver	0.010	.0007	.0007	-0.00010	<0.010	-0.00030	<0.10
Sodium	10	.5	.5				
Strontium	0.010	.0005	.0005				
Thallium	0.010	.0011	.0014				
Tin	0.050	.0009	.001				
Titanium	0.010	.0005	.001				
Vanadium	0.050	.0005	.0006				
Zinc	0.020	.003	.01				

Associated samples MP29682: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA29290
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29682
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date:

11/18/15

11/18/15

Metal	FA29290-2L Original	DUP	RPD	QC Limits	FA29290-2L Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	0.0	0.0	NC	0-20	0.0	20.6	20.0	103.0
Barium	0.47	0.47	0.0	0-20	0.47	21.5	20.0	105.2
Beryllium								
Cadmium	0.0020	0.0020	0.0	0-20	0.0020	0.53	0.50	105.6
Calcium								
Chromium	0.0	0.0	NC	0-20	0.0	2.1	2.0	105.0
Cobalt								
Copper								
Iron								
Lead	0.061	0.075	20.6 (a)	0-20	0.061	5.2	5.0	102.8
Magnesium								
Manganese								
Molybdenum								
Nickel								
Potassium								
Selenium	0.0	0.0	NC	0-20	0.0	21.0	20.0	105.0
Silver	0.0	0.0	NC	0-20	0.0	0.51	0.50	102.0
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Vanadium								
Zinc								

Associated samples MP29682: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA29290
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29682
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date:

11/18/15

11/18/15

Metal	FA29290-2L Original MSD		SpikeLot MPFLICP2 % Rec		MSD RPD	QC Limit	FA29290-1L Original DUP		RPD	QC Limits
Aluminum										
Antimony										
Arsenic	0.0	20.5	20.0	102.5	0.5	20	0.0	0.0	NC	0-20
Barium	0.47	21.7	20.0	106.2	0.9	20	1.1	1.0	9.5	0-20
Beryllium										
Cadmium	0.0020	0.52	0.50	103.6	1.9	20	0.0030	0.0030	0.0	0-20
Calcium										
Chromium	0.0	2.1	2.0	105.0	0.0	20	0.0	0.0	NC	0-20
Cobalt										
Copper										
Iron										
Lead	0.061	5.2	5.0	102.8	0.0	20	0.056	0.057	1.8	0-20
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium	0.0	20.9	20.0	104.5	0.5	20	0.0	0.0	NC	0-20
Silver	0.0	0.50	0.50	100.0	2.0	20	0.0	0.0	NC	0-20
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP29682: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA29290

Account: CSXT - CSX Transportation

Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29682
Matrix Type: LEACHATEMethods: SW846 6010C
Units: mg/l

Prep Date:

11/18/15

11/18/15

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	2.0	2.0	100.0	80-120	20.9	20.0	104.5	80-120
Barium	2.1	2.0	105.0	80-120	21.3	20.0	106.5	80-120
Beryllium								
Cadmium	0.052	0.050	104.0	80-120	0.53	0.50	106.0	80-120
Calcium								
Chromium	0.21	0.20	105.0	80-120	2.2	2.0	110.0	80-120
Cobalt								
Copper								
Iron								
Lead	0.50	0.50	100.0	80-120	5.2	5.0	104.0	80-120
Magnesium								
Manganese								
Molybdenum								
Nickel								
Potassium								
Selenium	2.0	2.0	100.0	80-120	21.3	20.0	106.5	80-120
Silver	0.049	0.050	98.0	80-120	0.51	0.50	102.0	80-120
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Vanadium								
Zinc								

Associated samples MP29682: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA29290
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV116807: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29682
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/18/15

Metal	FA29290-2L Original SDL 1:5		%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	47.4	45.6	3.8	0-10
Beryllium				
Cadmium	0.200	0.00	100.0(a)	0-10
Calcium				
Chromium	0.00	0.00	NC	0-10
Cobalt				
Copper				
Iron				
Lead	6.10	7.80	27.9 (a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29682: FA29290-1L, FA29290-2L

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).



37-5-2
SW 3360

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Johnson City Environmental Field Office
DIVISION OF SOLID WASTE MANAGEMENT
2305 Silverdale Road
Johnson City, Tennessee 37601-2162
(423) 854-5400 STATEWIDE 1-888-891-8332 FAX (423) 854-5401

December 14, 2015

SPECIAL WASTE PROCESSING APPROVAL

Leroy Leonard
500 Water Street, J-275
Jacksonville, FL 32244

RE: Special Waste Processing Approval
(1) fill soil and other materials such as scrap metal, railroad ties, and coal fines from site remediation
(2) Carter Valley Landfill (SNL 37-104-0185)

Dear Leroy Leonard:

Rule 0400-11-01-.01(4)(b) of the regulation promulgated under the authority of the Tennessee Solid Waste Disposal Act states that: "Except as may be specifically allowed in the permit, an operator may not accept for processing or disposal at his facility any special waste unless and until specifically approved to do so in writing by the Department."

On December 3, 2015, CSX Transportation, Inc. petitioned the Division of Solid Waste Management (DSWM), for approval to send approximately 1500 tons on a one time basis of fill soil and other materials such as scrap metal, railroad ties, and coal fines from site remediation in the Carter Valley Landfill (SNL 37-104-0185).

Based upon review of the submitted special evaluation application and analytical results, the DSWM has determined the waste suitable for disposal in the Carter Valley Landfill (SNL 37-104-0185) contingent upon the following conditions/restrictions:

- 1) The approval applies exclusively for fill soil and other materials such as scrap metal, railroad ties, and coal fines from site remediation.
- 2) The approved quantity is limited to 1500 tons on a one time basis.
- 3) The waste is not hazardous waste nor contains a hazardous waste.
- 4) Any time the process generating the waste changes, the DSWM must be immediately notified.
- 5) If the physical or chemical properties of the waste change significantly, the Division must be immediately notified for re-evaluation.

Leroy Leonard

Special Waste Disposal Approval – fill soil and other materials such as scrap metal, railroad ties, and coal fines from site remediation

December 14, 2015

Page 2 of 2

- 6) A copy of the approval letter and the special waste application must be retained at the generating and disposal facilities.
- 7) The transporter is to maintain a copy of the approval letter and be prepared to show it to the processing facility operator when delivering special waste to the processing facility or utilize a manifest for each load that contains all the essential information listed in the approval letter.

This determination is only for the waste described herein. The addition of any other waste not identified in this letter will require re-evaluation. Be advised that the facility operator may refuse to accept any special waste, even if it has been approved in writing by the Division.

If you have any questions please call Daniel Reed at (423)-854-5431.

Sincerely,



Daniel Reed

Environmental Scientist

Division of Solid Waste Management

Johnson City Environmental Field Office



Richard A. Whitson, PE

Field Office Manager

Division of Solid Waste Management

Johnson City Environmental Field Office

cc: DSWM, Central Office (electronic)
DSWM, JCEFO File # S 37-5-2 SW 3360
Brian Mann, Republic Services – Carter County Landfill



Requested Disposal Facility: _____

Waste Profile #

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Sales Rep #:

Generator Name:

Generator Site Address:

City:

County:

State:

Zip:

State ID/Reg No:

State Approval/Waste Code:

(if applicable)

NAICS # :

Generator Mailing Address (if different):

City:

County:

State:

Zip:

Generator Contact Name:

Email:

Phone Number:

Ext:

Fax Number:

II. Billing Information

Bill To:

Contact Name:

Billing Address:

Email:

City:

State:

Zip:

Phone:

III. Waste Stream Information

Name of Waste:

Process Generating Waste:

Type of Waste:

INDUSTRIAL PROCESS WASTE

POLLUTION CONTROL WASTE

Physical State:

SOLID

SEMI-SOLID

POWDER

LIQUID

Method of Shipment:

BULK

DRUM

BAGGED

OTHER:

Estimated Annual Volume:

Frequency:

ONE TIME

ONGOING

Disposal Consideration:

LANDFILL

SOLIDIFICATION

BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?

YES or NO

Type of Sample:

COMPOSITE SAMPLE



GRAB SAMPLE

Sample Date:

Sample ID Numbers:

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1.					
2.					
3.					
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
		YES or NO			°F 

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile


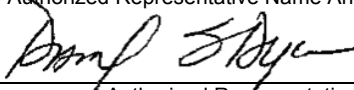
Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	Yes or No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	Yes or No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	Yes or No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	Yes or No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	Yes or No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	Yes or No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	Yes or No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	Yes or No
Is this waste a reactive or heat generating waste?	Yes or No
Does the waste contain sulfur or sulfur by-products?	Yes or No
Is this waste generated at a Federal Superfund Clean Up Site?	Yes or No
Is this waste from a TSD facility, TSD like facility or consolidator?	Yes or No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

	Authorized Representative Name And Title (Type or Print)  Authorized Representative Signature	Company Name Date
---	--	--------------------------

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. Fill soil, boulders, and gravel		60%			
2. Scrap metal		5 %			
3. Railroad ties		5%			
4. Coal fines		5%			
5. Water (not as free liquid)		25%			
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
Various	Non-discernible	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	75	Not applicable	Not applicable °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

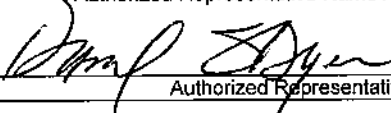
I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Daniel Dyer - Manager Environmental Remediation

CSX Transportation, Inc.

Authorized Representative Name And Title (Type or Print)

Company Name



1/7/2016

Authorized Representative Signature

Date



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile # 5102180247		Expiration Date 1/6/2017	
I. Decision Request:		<input type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change	
Disposal Facility: 5102 - Carter Valley Landfill			
Generator Name: CSX Transportation, Inc.			
Generator Site Address: W. Main Ave. (no street number)			
City: Big Stone Gap		County:	State: VA
Name of Waste: Soil, scrap metal, railroad ties, boulders, gravel, and coal fines		Zip:	
Estimated Annual Volume: 1500 Tons			

II. Special Waste Department Decision: ☐ Approved ☐ Rejected

Management Method(s): ☐ Landfill ☐ Solidification ☐ Bioremediation ☐ Transfer Facility

Problematic Special Waste according to Republic? ☐ Yes ☐ No

If yes, which one? _____

Approved by Special Waste Review Committee? ☐ Yes ☐ No ☐ Not Applicable

Precautions, Conditions or Limitations on Approval

The Tennessee Dept of Environment & Conservation has issued CSX Transportation, Inc a notice of Special Waste Approval (dated 12-14-2015) for: Soil, scrap metal, railroad ties, boulders, gravel, and coal fines

Special Waste Analyst Signature: _____
Date: 1/7/2016

Name (Printed): Suzanne Glass


III. Facility Decision: ☒ Approved ☐ Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____
Date: 1/7/2016

Name (Printed): Mike Perez

	<h2 style="margin: 0;">Republic Services, Inc.</h2> <p style="margin: 0; font-size: small;">18500 N. Allied Way, Phoenix, AZ 85054</p>	
SPECIAL WASTE DEPARTMENT DECISION		
	Waste Profile # 5102160247	Expiration Date 1/6/2017
I. Decision Request:	<input type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change	
Disposal Facility: 5102 - Carter Valley Landfill		
Generator Name: CSX Transportation, Inc.		
Generator Site Address: W. Main Ave. (no street number)		
City: Big Stone Gap	County: _____	State: VA Zip: _____
Name of Waste: Soil, scrap metal, railroad ties, boulders, gravel, and coal fines		
Estimated Annual Volume: 1500 Tons		

II. Special Waste Department Decision: ☐ Approved ☐ Rejected

Management Method(s): ☐ Landfill ☐ Solidification ☐ Bioremediation ☐ Transfer Facility

Problematic Special Waste according to Republic? ☐ Yes ☐ No

If yes, which one? _____

Approved by Special Waste Review Committee? ☐ Yes ☐ No ☐ Not Applicable

Precautions, Conditions or Limitations on Approval

The Tennessee Dept of Environment & Conservation has issued CSX Transportation, Inc a notice of Special Waste Approval (dated 12-14-2015) for: Soil, scrap metal, railroad ties, boulders, gravel, and coal fines

Special Waste Analyst Signature:  Name (Printed): Suzanne Glass

Date: 1/7/2016

III. Facility Decision: ☐ Approved ☐ Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____ Name (Printed): _____

Date: 1/7/2016

APPENDIX B

Photographic Record

GEOSYNTEC CONSULTANTS

Photographic Record



Client: CSX Transportation, Inc.

Project Number: R130220

Site Name: 940 West Main Avenue

Site Location: Big Stone Gap, VA

Photograph 1

Date: 1/18/2016 4:01 PM

Direction: SE

Comments: View of the Site from northern boundary after fence was removed



Photograph 2

Date: 1/18/2016 4:02 PM

Direction: NW

Comments: View of the Site from southern boundary after fence was removed



GEOSYNTEC CONSULTANTS
Photographic Record



Client: CSX Transportation, Inc.

Project Number: R130220

Site Name: 940 West Main Avenue

Site Location: Big Stone Gap, VA

Photograph 3

Date: 1/19/2016 11:35 AM

Direction: S

Comments: AST excavating large metal sheet from southern area of Site



Photograph 4

Date: 1/20/2016 8:08 AM

Direction: SE

Comments: Stockpile of debris, including old cables, scrap metal, and logs



GEOSYNTEC CONSULTANTS
Photographic Record



Client: CSX Transportation, Inc.

Project Number: R130220

Site Name: 940 West Main Avenue

Site Location: Big Stone Gap, VA

Photograph 5

Date: 1/20/2016 9:35 AM

Direction: NA

**Comments: Scrap metal,
plastic, and old cables
excavated from Site**



Photograph 6

Date: 1/20/2016 9:58 AM

Direction: S

**Comments: AST
attempting to remove tree
stump next to debris
stockpile**



GEOSYNTEC CONSULTANTS
Photographic Record



Client: CSX Transportation, Inc.

Project Number: R130220

Site Name: 940 West Main Avenue

Site Location: Big Stone Gap, VA

Photograph 7

Date: 1/28/2016 8:29 AM

Direction: SW

**Comments: AST loading
pile of old cables in dump
truck**



Photograph 8

Date: 2/1/2016 8:54 AM

Direction: NA

**Comments: Bottom of
excavation at northern
area of Site**



GEOSYNTEC CONSULTANTS
Photographic Record



Client: CSX Transportation, Inc.

Project Number: R130220

Site Name: 940 West Main Avenue

Site Location: Big Stone Gap, VA

Photograph 9

Date: 2/6/2016 1:44 PM

Direction: SW

Comments: Southern section of Site after backfilling was complete



Photograph 10

Date: 2/6/2016 1:43 PM

Direction: NW

Comments: View from southern boundary of Site after backfilling was complete



GEOSYNTEC CONSULTANTS
Photographic Record



Client: CSX Transportation, Inc.

Project Number: R130220

Site Name: 940 West Main Avenue

Site Location: Big Stone Gap, VA

Photograph 11

Date: 2/8/2016 7:49 AM

Direction: SE

Comments: View from northern boundary of Site after backfilling was complete



Photograph 12

Date: 2/8/2016 1:14 PM

Direction: SW

Comments: Southern section of Site after geotextile was laid and rip rap was spread



GEOSYNTEC CONSULTANTS
Photographic Record



Client: CSX Transportation, Inc.

Project Number: R130220

Site Name: 940 West Main Avenue

Site Location: Big Stone Gap, VA

Photograph 13

Date: 2/8/2016 1:15 PM

Direction: NW

Comments: View from southern boundary of Site after geotextile was laid and rip rap was spread



Photograph 14

Date: 2/8/2016 1:21 PM

Direction: S

Comments: View from northern boundary of Site after geotextile was laid and rip rap was spread



Appendix C

Manifests and Weigh Tickets



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 01

20160 5476 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4476</u>		c. Page 1 of <u>966899</u>	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		<u>Tyler McNabb</u> on behalf of CSX		1-27-2016	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<u>Brian Jones</u>		<u>Brian Jones</u>		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>11.958</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<u>W. Crabtree</u>		<u>W. Crabtree</u>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date <u>1-27-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL
	2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

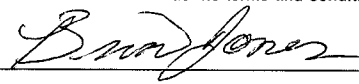
SITE	TICKET #	CELL
01	966899	
WEIGHMASTER		
Wanda C.		
DATE/TIME IN	DATE/TIME OUT	
01-27-2016 9:41 am	01-27-2016 10:09 am	
VEHICLE	CONTAINER	
kj26		
REFERENCE	INVOICE	
201904476		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	52,720	NET TONS	11.98
SCALE OUT	TARE WEIGHT	28,760	NET WEIGHT	23,960
INBOUND				

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
11.98	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$349.34	\$0.00	\$349.34
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$16.56	\$0.00	\$16.56

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE 

NET AMOUNT
\$380.90
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600.02

20160 4477 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4477</u>		c. Page 1 of <u>9668981</u>	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		<i>Tyler McNabb</i> on Behalf of CSX		1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<i>David Johnson</i>		<i>David Johnson</i>		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>8.94</u>		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
<i>W. Crabtree</i>		<i>W. Crabtree</i>		1-27-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
i. Date			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL		
	2825 CARTERS VALLEY RD		
	CHURCH HILL, TN	37642	423-357-6777

CUSTOMER	888913
NATIONAL ACCOUNTS/CSX	
185000 NORTH ALLIED WAY	
ATT: ANGELA DAWSON	
5102160247	

SITE	01	TICKET#	966898	CELL	
WEIGHMASTER Wanda C.					
DATE/TIME IN		01-27-2016	9:45 am	DATE/TIME OUT 01-27-2016 10:05 am	
VEHICLE			CONTAINER		
REFERENCE			INVOICE		
2011604477					
BILL OF LADING					

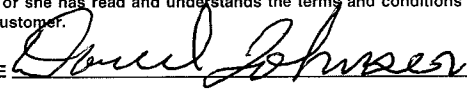
SCALE IN	GROSS WEIGHT	44,100	NET TONS	8.94	
SCALE OUT	TARE WEIGHT	26,220	NET WEIGHT	17,880	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
8.94	TN	SW-CONT SOIL	\$29.16	\$260.69	\$0.00	\$260.69
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$12.36	\$0.00	\$12.36
		WISE CO, VA				

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$288.05
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 03

20160 4478 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4478</u>		c. Page 1 of <u>966961</u> 1		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		<i>Tyler McNabb on behalf of CSX</i>		1-27-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Charlie Newold		Chaim Omer		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 11.60		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
W. Crabtree		W. Crabtree		1-27-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE	BFI-CARTER VALLEY LANDFILL
	2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	01	TICKET#	966901	CELL	
WEIGHMASTER Wanda C.					
DATE/TIME IN		01-27-2016 9:53 am		DATE/TIME OUT 01-27-2016 10:15 am	
VEHICLE			CONTAINER		
REFERENCE			INVOICE		
201604478					
BILL OF LADING					

SCALE IN	GROSS WEIGHT	51,900	NET TONS	11.60	
SCALE OUT	TARE WEIGHT	28,700	NET WEIGHT	23,200	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
11.60	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$338.26	\$0.00	\$338.26
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$16.03	\$0.00	\$16.03

HAVE A NICE DAY!!

NET AMOUNT
\$369.29
TENDERED \$0.00
CHANGE \$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Ch Ali



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 0420160 4479 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4479</u>		c. Page 1 of <u>966910</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No. Type		n. Total Quantity
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1 DT		20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		<u>Tyler McNabb</u> on behalf of CSX		1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<u>Jimmy L Workman</u>		<u>[Signature]</u>		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-0777		c. US EPA Number	d. Discrepancy Indication Space: 14.75
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<u>[Signature]</u>		<u>[Signature]</u>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date 1-27-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET #	CELL
01	966910	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-27-2016 10:35 am		01-27-2016 10:53 am
VEHICLE		CONTAINER
K122		
REFERENCE		INVOICE
201604479		
BILL OF LADING		

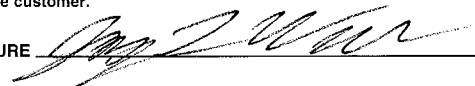
SCALE IN	GROSS WEIGHT	55,000	NET TONS	14.75	
SCALE OUT	TARE WEIGHT	25,500	NET WEIGHT	29,500	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
14.75	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$430.11	\$0.00	\$430.11
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$20.39	\$0.00	\$20.39

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$465.50
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 05

20160 4480 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4480</u>		c. Page 1 of <u>966909</u> 1		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		Signature: <u>Tyler McNabb on behalf of CSX</u>		1-27-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Tony Barton		Signature: <u>Tony Barton</u>		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>11.58</u>		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
W. Crabtree		Signature: <u>W. Crabtree</u>		1-27-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE	BFI-CARTER VALLEY LANDFILL
	2825 CARTERS VALLEY RD
	CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913
	NATIONAL ACCOUNTS/CSX
	185000 NORTH ALLIED WAY
	ATT: ANGELA DAWSON
	5102160247

SITE	TICKET #	CELL
01	966909	
WEIGHMASTER		
Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-27-2016 10:33 am		01-27-2016 10:50 am
VEHICLE	CONTAINER	
kj20		
REFERENCE	INVOICE	
201604480		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	52,200	NET TONS	11.58	
SCALE OUT	TARE WEIGHT	29,040	NET WEIGHT	23,160	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
11.58	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$337.67	\$0.00	\$337.67
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$16.01	\$0.00	\$16.01

HAVE A NICE DAY!!

NET AMOUNT
\$368.68
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Tony Barton



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 06

20160 4481 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4481</u>		c. Page 1 of <u>966911</u> 1		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		<i>Tyler McNabb on behalf of CSX</i>			1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature			r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
DORNE LAWSON		<i>Dorne Lawson</i>		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>13.30</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<i>W. Crabtree</i>		<i>W. Crabtree</i>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date <u>1-27-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET #	CELL
01	966911	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-27-2016 10:37 am		01-27-2016 10:56 am
VEHICLE		CONTAINER
K19		
REFERENCE		INVOICE
201604481		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	54,200	NET TONS	13.30	
SCALE OUT	TARE WEIGHT	27,600	NET WEIGHT	26,600	INBOUND

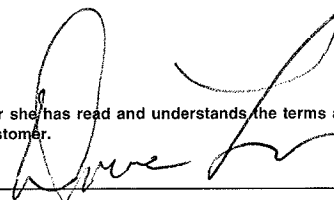
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
13.30	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$387.83	\$0.00	\$387.83
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$18.38	\$0.00	\$18.38

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE



NET AMOUNT
\$421.21
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 07

20160 4482 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4482</u>		c. Page 1 of <u>966935</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		on behalf of CSX		1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Brian Jones		Brian Jones		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 14.99
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print)		f. Signature	g. Date
		1-27-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE 01	TICKET # 966935	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-27-2016 1:12 pm		DATE/TIME OUT 01-27-2016 1:12 pm
VEHICLE K726		CONTAINER
REFERENCE 201604482		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	58,740	NET TONS	14.99	
MANUAL OUT	TARE WEIGHT	28,760	NET WEIGHT	29,980	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
14.99	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$437.11	\$0.00	\$437.11
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$20.72	\$0.00	\$20.72

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE



NET AMOUNT
\$472.83
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 160008

201604483 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4483</u>		c. Page 1 of <u>966936</u> ¹		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		[Signature] on Behalf of CSX			1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature			r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
David Johnson		[Signature]		e. Date 1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 13.38		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
W. Probst		[Signature]		e. Date 1-27-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER
888913
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE 01	TICKET # 966936	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-27-2016 1:26 pm	DATE/TIME OUT 01-27-2016 1:26 pm	
VEHICLE k16	CONTAINER	
REFERENCE 201604483		INVOICE
BILL OF LADING		

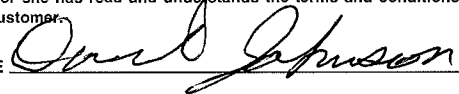
SCALE IN	GROSS WEIGHT	52,980	NET TONS	13.38	
TARE OUT	TARE WEIGHT	26,220	NET WEIGHT	26,760	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
13.38	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$390.16	\$0.00	\$390.16
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$18.49	\$0.00	\$18.49

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$423.65
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 09

20160 4484 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4484</u>		c. Page 1 of <u>966937</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Tyler McNabb		<u>Tyler McNabb on behalf of CSX</u>		1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
c. Driver Name (Print) <u>Charlie Arnold</u>		d. Signature <u>Charlie Arnold</u>		e. Date <u>1-27-16</u>	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) <u>William H. Hise</u>		f. Signature <u>William H. Hise</u>	g. Date <u>1-27-16</u>

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
i. Date			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE 01	TICKET # 966937	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-27-2016 1:30 pm		DATE/TIME OUT 01-27-2016 1:30 pm
VEHICLE K124		CONTAINER
REFERENCE 201604484		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	61,120	NET TONS	16.21	
TARE OUT	TARE WEIGHT	28,700	NET WEIGHT	32,420	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
16.21	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$472.68	\$0.00	\$472.68
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$22.41	\$0.00	\$22.41

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

NET AMOUNT
\$510.09
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 10

20160 4485 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4485</u>		c. Page 1 of <u>966945</u> 1		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		Signature <u>on behalf of CSX</u>			1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature			r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Tony Barton		Signature <u>TJB</u>		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 19.08
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
Signature <u>W. Crutcher</u>		Signature <u>W. Crutcher</u>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date 1-27-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE 01	TICKET # 966945	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-27-2016 2:05 pm		DATE/TIME OUT 01-27-2016 2:05 pm
VEHICLE K120		CONTAINER
REFERENCE 201604485		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	63,200	NET TONS	17.08	
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	34,160	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
17.08	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$498.05	\$0.00	\$498.05
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$23.61	\$0.00	\$23.61

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

Tony Barton

NET AMOUNT
\$536.66
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 11

20160 4486 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4486</u>		c. Page 1 of <u>1</u>	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature <i>Tyler McNabb</i> on Behalf of CSX		1-27-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Jimmy L Workman		Signature <i>Jimmy L Workman</i>		1-27-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 17.97
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
Signature <i>Willard Kee</i>		Signature <i>Willard Kee</i>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date 1-27-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
h. Signature			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE <u> </u> BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777	
CUSTOMER 888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247	

SITE 61	TICKET# 966946	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-27-2016 2:08 pm		DATE/TIME OUT 01-27-2016 2:08 pm
VEHICLE K122		CONTAINER
REFERENCE 201604486		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	61,440	NET TONS	17.97	
TARE OUT	TARE WEIGHT	25,500	NET WEIGHT	35,940	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
17.97	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$524.01	\$0.00	\$524.01
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$24.84	\$0.00	\$24.84

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE *Angela Dawson*

NET AMOUNT
\$563.85
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 12

20160 4487 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4487</u>		c. Page 1 of <u>966975</u> 1		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		TYL McNabb on Behalf of CSX		1-28-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Tony Barton		[Signature]		1-28-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>10.83</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
[Signature]		[Signature]	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date <u>1-28-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE BFI-CARTER VALLEY LANDFILL
 2825 CARTERS VALLEY RD
 CHURCH HILL, TN 37642 423-357-6777

CUSTOMER 384513
 NATIONAL ACCOUNTS/CSX
 185000 NORTH ALLIED WAY
 ATT: ANGELA DAWSON
 5102160247

SITE 01	TICKET # 666975	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-28-2016 9:05 am	DATE/TIME OUT 01-28-2016 9:05 am	
VEHICLE	CONTAINER	
REFERENCE 201604487		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	50,700	NET TONS	10.83	
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	21,660	INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
10.83	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$315.80	\$0.00	\$315.80
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$14.97	\$0.00	\$14.97

HAVE A NICE DAY !!

NET AMOUNT
\$345.77
TENDERED \$0.00
CHANGE \$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Tony Barton



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 ¹³
20160 ⁴⁴⁸⁸ DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4488</u>		c. Page 1 of <u>9106979</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24210 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102100247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		<i>Tyler McNabb</i> on Behalf of CSXT		1-28-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Brian Jones		<i>Brian Jones</i>		1-28-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-367-0777		c. US EPA Number	d. Discrepancy Indication Space: 13.93
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<i>W. Crabtree</i>		<i>W. Crabtree</i>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date 1-28-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	808913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE 01	TICKET # 966979	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01/28/2016 9:27 am	DATE/TIME OUT 01/28/2016 9:27 am	
VEHICLE	CONTAINER	
REFERENCE 201604488	INVOICE	
BILL OF LADING		

SCALE IN	GROSS WEIGHT	56,620	NET TONS	13.93
TARE OUT	TARE WEIGHT	28,760	NET WEIGHT	27,860
INBOUND				

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
13.93	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$406.20	\$0.00	\$406.20
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$19.25	\$0.00	\$19.25

HAVE A NICE DAY !!

NET AMOUNT
\$440.45
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE





NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 ¹⁴
201607489 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4489</u>		c. Page 1 of <u>966983</u>		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		T.M. McNabb on Behalf of CSX		1-28-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
David Johnson		David Johnson		1-28-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space:
			13.36
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
W. Crabtree		Signature	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date 1-28-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL
	2825 CARTERS VALLEY RD
	CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913
	NATIONAL ACCOUNTS/CSX
	185000 NORTH ALLIED WAY
	ATT: ANGELA DAWSON
	5102160247

SITE	TICKET #	CELL
01	966983	
WEIGHMASTER		
Wanda C.		
DATE/TIME IN	DATE/TIME OUT	
01/28/2016 9:37 am	01/28/2016 9:37 am	
VEHICLE	CONTAINER	
REFERENCE	INVOICE	
201604489		
BILL OF LADING		

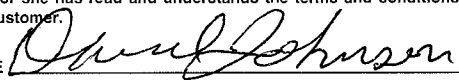
SCALE IN	GROSS WEIGHT	52,940	NET TONS	13.36	
TARE OUT	TARE WEIGHT	26,220	NET WEIGHT	26,720	INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
13.36	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$389.58	\$0.00	\$389.58
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$18.47	\$0.00	\$18.47

HAVE A NICE DAY!!

NET AMOUNT
\$423.05
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE 



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 15

20160 4490 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4490</u>		c. Page 1 of <u>966996</u> ¹		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		Signature <u>Tyler McNabb</u> on Behalf of CSX			1-28-16	
p. Generator Authorized Agent Name (Print)		q. Signature			r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Simmy L Workman			Signature <u>[Signature]</u>		1-28-16
c. Driver Name (Print)			d. Signature		e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 17.27
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print)		f. Signature	g. Date
[Signature]		[Signature]	1-28-16

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
[Signature]		[Signature]	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER 13
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE 01	TICKET 966990	CELL
WEIGHMASTER		
DATE/TIME IN 2016 10:08 am		DATE/TIME OUT 2016 10:08 am
VEHICLE		CONTAINER
REFERENCE 201602490		INVOICE
BILL OF LADING		

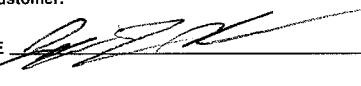
SCALE IN	GROSS WEIGHT	60,040	NET TONS	17.27	
TARE OUT	TARE WEIGHT	25,500	NET WEIGHT	34,540	INBOUND

QTY	UNIT	TRACKING QTY	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TD						
17.27	TN		SW-CONT SOIL WISE CO, VA	\$29.16	\$503.59	\$0.00	\$503.59
1.00			ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00			FUEL RECOVERY FEE	4.74%	\$23.87	\$0.00	\$23.87

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$542.46
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 16
20160 4491 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4491</u>		c. Page 1 of <u>9640131</u>	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity
6102100247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature: <u>Tyler McNabb</u>		Date: <u>1-28-16</u>	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
c. Driver Name (Print) <u>Tony Barton</u>		d. Signature <u>Tony Barton</u>		e. Date <u>1-28-16</u>	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-8777		c. US EPA Number	d. Discrepancy Indication Space
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) <u>W. Crabtree</u>		f. Signature <u>W. Crabtree</u>	
		g. Date <u>1-28-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-l)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL
	2825 CARTERS VALLEY RD
	CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	808913
	NATIONAL ACCOUNTS/CSX
	185000 NORTH ALLIED WAY
	ATT: ANGELA DAWSON
	5102160247

SITE	TICKET # 967013	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN	01/26/2016 12:00 pm	DATE/TIME OUT 01/28/2016 12:00 pm
VEHICLE	CONTAINER	
REFERENCE	201604491	INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	64,660	NET TONS	17.81	
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	35,620	INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
17.81	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$519.34	\$0.00	\$519.34
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$24.62	\$0.00	\$24.62

HAVE A NICE DAY!!

NET AMOUNT
\$558.96
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

Tony Barton



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 17

20160 4492 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4492</u>		c. Page 1 of <u>967018</u> ¹		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		<u>Tyler McNabb</u> on Behalf of CSX		1-28-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<u>David Johnson</u>		<u>David Johnson</u>		1-28-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>16.19</u>		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
<u>W. Crabtree</u>		<u>W. Crabtree</u>		1-28-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET #	CELL
01	967018	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01/28/2016 12:34 pm		01/28/2016 12:34 pm
VEHICLE		CONTAINER
REFERENCE		INVOICE
201604492		
BILL OF LADING		

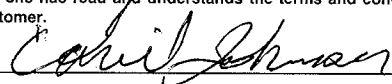
SCALE IN	GROSS WEIGHT	58,600	NET TONS	16.19
TARE OUT	TARE WEIGHT	26,220	NET WEIGHT	32,380
				INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
16.19	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$472.10	\$0.00	\$472.10
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$22.38	\$0.00	\$22.38

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$509.48
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 18

20160 4493 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4493</u>		c. Page 1 of <u>967021</u> ¹		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		[Signature] on Behalf of CSXT			1-28-16	
p. Generator Authorized Agent Name (Print)		q. Signature			r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
[Signature] <u>KJ-26</u>		[Signature] <u>Brian Jones</u>		1-28-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>19.63</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
[Signature] <u>Wil McRobtsee</u>		[Signature] <u>Wil McRobtsee</u>	
e. Name of Authorized Agent (Print)		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE

BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER

888913
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE

01

TICKET #

967021

CELL

WEIGHMASTER

Wanda C.

DATE/TIME IN

01/28/2016 1:02 pm

DATE/TIME OUT

01/28/2016 1:02 pm

VEHICLE

CONTAINER

REFERENCE

201604493

INVOICE

BILL OF LADING

SCALE IN	GROSS WEIGHT	68,020	NET TONS	19.63	
TARE OUT	TARE WEIGHT	28,760	NET WEIGHT	39,260	INBOUND

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
19.63	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$572.41	\$0.00	\$572.41
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$27.13	\$0.00	\$27.13

HAVE A NICE DAY!!

NET AMOUNT
\$614.54
TENDERED \$0.00
CHANGE \$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 160019
201604494 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4494</u>		c. Page 1 of <u>967025</u> 1		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		<i>T. McNabb on behalf of CSX</i>		1-28-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC-800-232-0144		
<i>Timmy L Workman</i>		<i>[Signature]</i>		1-28-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>21.35</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<i>W. Crabtree</i>		<i>[Signature]</i>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date <u>1-28-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE **BFI-CARTER VALLEY LANDFILL**
 2825 CARTERS VALLEY RD
 CHURCH HILL, TN 37642 423-357-6777

CUSTOMER **888913**
 NATIONAL ACCOUNTS/CSX
 185000 NORTH ALLIED WAY
 ATT: ANGELA DAWSON
 5102160247

SITE # 01	TICKET # 967025	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-28-2016 1:11 pm	DATE/TIME OUT 01-28-2016 1:11 pm	
VEHICLE R122	CONTAINER	
REFERENCE 201604494		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	68,200	NET TONS	21.35	
TARE OUT	TARE WEIGHT	25,500	NET WEIGHT	42,700	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
21.35	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$622.57	\$0.00	\$622.57
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$29.51	\$0.00	\$29.51

HAVE A NICE DAY!!

NET AMOUNT
\$667.08
TENDERED \$0.00
CHANGE \$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 160020

201604495 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4495</u>		c. Page 1 of <u>967046</u> ¹	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature <u>Tyler McNabb on behalf of CSX</u>		r. Date <u>1-28-16</u>	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
c. Driver Name (Print) <u>Allen Fugate</u>		d. Signature <u>[Signature]</u>		e. Date <u>1-28-16</u>	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>23.72</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) <u>Will [Signature]</u>		f. Signature <u>[Signature]</u>	
		g. Date <u>1-28-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777	
CUSTOMER 888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247	

SITE 01	TICKET # 967046	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-28-2016 2:35 pm	DATE/TIME OUT 01-28-2016 2:49 pm	
VEHICLE KJ21	CONTAINER	
REFERENCE 201604495		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	73,560	NET TONS	23.72	
SCALE OUT	TARE WEIGHT	26,120	NET WEIGHT	47,440	INBOUND

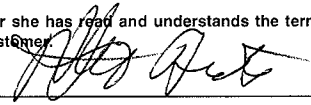
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
23.72	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$691.68	\$0.00	\$691.68
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$32.79	\$0.00	\$32.79

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE



NET AMOUNT
\$739.47
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 21

20160 4496 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4496</u>		c. Page 1 of <u>9670451</u>	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Tyler McNabb	<u>Tyler McNabb</u> on behalf of CSXT	1-28-16
p. Generator Authorized Agent Name (Print)	q. Signature	r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
c. Driver Name (Print) <u>Tommy Barton</u>		d. Signature <u>[Signature]</u>		e. Date <u>1-28-16</u>	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>17.60</u>		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
e. Name of Authorized Agent (Print) <u>W. Crabtree</u>		f. Signature <u>W. Crabtree</u>		g. Date <u>1-28-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER 888913
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE 01	TICKET # 667045	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-28-2016 2:43 pm	DATE/TIME OUT 01-28-2016 2:43 pm	
VEHICLE R128	CONTAINER	
REFERENCE 201604496	INVOICE	
BILL OF LADING		

SCALE IN	GROSS WEIGHT	64,240	NET TONS	17.60
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	35,200

INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
17.60	TN	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1	WISE CO, VA			
1.00		FUEL RECOVERY FEE				
			\$29.16	\$513.22	\$0.00	\$513.22
			\$15.00	\$15.00	\$0.00	\$15.00
			4.74%	\$24.33	\$0.00	\$24.33

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Tony Barton

NET AMOUNT
\$552.55
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 22

20160 4497 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4497</u>		c. Page 1 of <u>71</u>	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Tyler McNabb	<i>Tyler McNabb</i> on Behalf of CSX	1-29-16
p. Generator Authorized Agent Name (Print)	q. Signature	r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
c. Driver Name (Print) <i>Tony Baer</i>		d. Signature <i>Tony Baer</i>		e. Date 1-29-16	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted, and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) <i>W. Crantree</i>		f. Signature <i>W. Crantree</i>	g. Date 1-29-16

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL
	2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET#	CELL
01	967067	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-29-2016 9:00 am		01-29-2016 9:00 am
VEHICLE		CONTAINER
REFERENCE		INVOICE
201604197		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	64,760	NET TONS	17.86	
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	35,720	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
17.86	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$520.80	\$0.00	\$520.80
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$24.69	\$0.00	\$24.69

HAVE A NICE DAY!!

NET AMOUNT
\$560.49
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

Tony Burton

RS-F042UPR (07/12)

SIGNATURE



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 25

201604498 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4498</u>		c. Page 1 of <u>967026</u> ¹	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Tyler McNabb	<i>Tyler McNabb on Behalf of CSXT</i>	1-29-16
p. Generator Authorized Agent Name (Print)	q. Signature	r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<i>David Johnson</i>	<i>David Johnson</i>	1-29-16			
c. Driver Name (Print)	d. Signature	e. Date			

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		18.82	
<i>W. Crabtree</i>	<i>W. Crabtree</i>	1-29-16	
e. Name of Authorized Agent (Print)	f. Signature	g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET# 67076	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN	01/29/2016 9:58 am	DATE/TIME OUT 01/29/2016 9:58 am
VEHICLE	CONTAINER	
REFERENCE 201804198		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	63,860	NET TONS	18.82	
TARE OUT	TARE WEIGHT	26,220	NET WEIGHT	37,640	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
18.82	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$548.79	\$0.00	\$548.79
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$26.01	\$0.00	\$26.01

HAVE A NICE DAY !!

NET AMOUNT
\$589.80
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE *David Johnson*



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 24

20160 4499 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4499</u>		c. Page 1 of <u>9670781</u>		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1	DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		Signature on Behalf of CSXT			1-29-16	
p. Generator Authorized Agent Name (Print)		q. Signature			r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Jimmy L Workman		Signature		1-29-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 17.45		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
W. Crabtree		Signature		1-29-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER
888913
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE 01	TICKET# 67078	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01/29/2016 10:16 am		DATE/TIME OUT 01/29/2016 10:16 am
VEHICLE		CONTAINER
REFERENCE 201604499		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	60,400	NET TONS	17.45
TARE OUT	TARE WEIGHT	25,500	NET WEIGHT	34,900

INBOUND

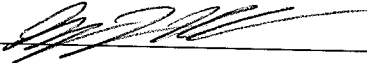
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
17.45	TN	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1	\$29.16	\$508.84	\$0.00	\$508.84
1.00		FUEL RECOVERY FEE	\$15.00	\$15.00	\$0.00	\$15.00
			4.74%	\$24.12	\$0.00	\$24.12

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE



NET AMOUNT
\$547.96
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 25

20160 4500 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4500</u>		c. Page 1 of <u>967080</u> ¹	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature <u>Tyler McNabb on Behalf of CSX</u>		r. Date <u>1-29-16</u>	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Brian Jones		Signature <u>Brian Jones</u>		e. Date <u>1-29-16</u>	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>15.64</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) <u>Wil Crabtree</u>		f. Signature <u>Wil Crabtree</u>	
g. Date <u>1-29-16</u>			

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
i. Date			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET#	CELL
01	967080	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-29-2016 10:24 am		01-29-2016 10:24 am
VEHICLE		CONTAINER
X-126		
REFERENCE		INVOICE
201604500		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	60,040	NET TONS	15.64	
TARE OUT	TARE WEIGHT	28,760	NET WEIGHT	31,280	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
15.64	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$456.06	\$0.00	\$456.06
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$21.62	\$0.00	\$21.62

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE



NET AMOUNT
\$492.68
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 26

20160 4501 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4501</u>		c. Page 1 of <u>9640971</u>		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		<u>T. McNabb</u> on Behalf of CSXT		1-29-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<u>Tony Barton</u>		<u>TB</u>		1-29-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>18.32</u>		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
<u>W. Crabtree</u>		<u>W. Crabtree</u>		1-29-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET#	CELL
01	967097	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-29-2016 12:27 pm		01-29-2016 12:27 pm
VEHICLE		CONTAINER
K720		
REFERENCE		INVOICE
201604501		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	65,680	NET TONS	18.32	
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	36,640	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
18.32	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$534.21	\$0.00	\$534.21
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$25.32	\$0.00	\$25.32

HAVE A NICE DAY !!

NET AMOUNT
\$574.53
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Tony Bartor



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 160027

201604502 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4502</u>		c. Page 1 of <u>967108</u> ¹	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		<i>Tyler McNabb</i> on Behalf of CSX		1-29-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<i>Danny Hurd</i> KS-25		<i>Danny Hurd</i>		1-29-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>16.43</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
<i>W. Crabtree</i>		<i>W. Crabtree</i>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date <u>1-29-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777	
CUSTOMER 888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247	

SITE 01	TICKET # 967108	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 01-29-2016 12:31 pm		DATE/TIME OUT 01-29-2016 1:10 pm
VEHICLE KJ25		CONTAINER
REFERENCE 201604502		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	61,480	NET TONS	16.43	
SCALE OUT	TARE WEIGHT	28,620	NET WEIGHT	32,860	INBOUND

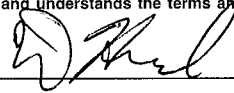
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
16.43	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$479.10	\$0.00	\$479.10
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$22.71	\$0.00	\$22.71

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE



NET AMOUNT
\$516.81
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 28

20160 4503 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4503</u>		c. Page 1 of <u>967101</u> 1		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		[Signature] on Behalf of CSX			1-29-16	
p. Generator Authorized Agent Name (Print)		q. Signature			r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
[Signature]		[Signature]		1-29-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: Driver signed in wrong place 15.55		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
[Signature]		[Signature]			
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET#	CELL
01	967101	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-29-2016 12:46 pm		01-29-2016 12:46 pm
VEHICLE		CONTAINER
K021		
REFERENCE		INVOICE
201604503		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	59,860	NET TONS	15.55	
MANUAL OUT	TARE WEIGHT	28,760	NET WEIGHT	31,100	INBOUND

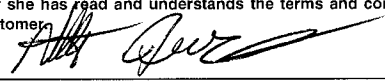
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
15.55	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$453.44	\$0.00	\$453.44
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$21.49	\$0.00	\$21.49

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE



NET AMOUNT
\$489.93
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 29

201604504 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4504</u>		c. Page 1 of <u>967103</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type	n. Total Quantity
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation		1 DT	20
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature <u>Tyler McNabb on Behalf of CSXT</u>		1-29-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
David Johnson		Signature <u>David Johnson</u>		1-29-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 14.93
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
Signature <u>Will Trapp</u>		Signature <u>W. Crantree</u>	
e. Name of Authorized Agent (Print)		f. Signature	
		g. Date 1-29-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	01	TICKET#	967106	CELL	
WEIGHMASTER Wanda C.					
DATE/TIME IN		01-29-2016 1:04 pm		DATE/TIME OUT 01-29-2016 1:04 pm	
VEHICLE			CONTAINER		
REFERENCE			INVOICE		
201604504					
BILL OF LADING					

SCALE IN	GROSS WEIGHT	56,080	NET TONS	14.93	
TARE OUT	TARE WEIGHT	26,220	NET WEIGHT	29,860	INBOUND


QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
14.93	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$435.36	\$0.00	\$435.36
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$20.64	\$0.00	\$20.64

HAVE A NICE DAY!!

NET AMOUNT
\$471.00
TENDERED \$0.00
CHANGE \$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 30

20160 4505 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4505</u>		c. Page 1 of <u>9671101</u>		
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151			
If owner of the generating facility differs from the generator, provide:						
h. Owner's Name:			i. Owner's Phone No.:			
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
Tyler McNabb		Signature on Behalf of CSXT		1-29-16		
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Jimmy L Workman		Signature		1-28-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 21.88
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
Signature		Signature	
e. Name of Authorized Agent (Print)		f. Signature	
g. Date		1-29-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
i. Date		*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both	

SITE	BFI-CARTER VALLEY LANDFILL
	2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	TICKET#	CELL
01	967110	
WEIGHMASTER Wanda C.		
DATE/TIME IN		DATE/TIME OUT
01-29-2016 1:20 pm		01-29-2016 1:20 pm
VEHICLE		CONTAINER
K122		
REFERENCE		INVOICE
201604505		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	69,260	NET TONS	21.88	
TARE OUT	TARE WEIGHT	25,500	NET WEIGHT	43,760	INBOUND


QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
21.88	TN	SW-CONT SOIL				
		WISE CO, VA	\$29.16	\$638.02	\$0.00	\$638.02
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$30.24	\$0.00	\$30.24

HAVE A NICE DAY !!

NET AMOUNT
\$683.26
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 31

201604506 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4506</u>		c. Page 1 of <u>967119</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20 CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature <u>Tyler McNabb</u> on behalf of CSX		1-29-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
c. Driver Name (Print) <u>Brian Jones</u>			d. Signature <u>Brian Jones</u>		e. Date <u>1-29-16</u>

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>22.53</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) <u>W. Crabtree</u>		f. Signature <u>W. Crabtree</u>	
		g. Date <u>1-29-16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	01	TICKET#	967119	CELL	
WEIGHMASTER Wanda C.					
DATE/TIME IN		01-29-2016 2:08 pm		DATE/TIME OUT 01-29-2016 2:08 pm	
VEHICLE K126				CONTAINER	
REFERENCE 201604506				INVOICE	
BILL OF LADING					


SCALE IN	GROSS WEIGHT	73,820	NET TONS	22.53	
TARE OUT	TARE WEIGHT	28,760	NET WEIGHT	45,060	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
22.53	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$656.97	\$0.00	\$656.97
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.74%	\$31.14	\$0.00	\$31.14

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$703.11
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 32

20160 4507 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4507</u>		c. Page 1 of <u>964156</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No. Type	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1 DT	20	CY
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		<u>Tyler McNabb</u> on behalf of CSX		2-1-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
<u>David Johnson</u>		<u>David Johnson</u>		e. Date <u>2-1-16</u>	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>12.98</u>		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
<u>William Kee</u>		<u>William Kee</u>		g. Date <u>2-1-16</u>	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE	BFI-CARTER VALLEY LANDFILL 2825 CARTERS VALLEY RD CHURCH HILL, TN 37642 423-357-6777
CUSTOMER	888913 NATIONAL ACCOUNTS/CSX 185000 NORTH ALLIED WAY ATT: ANGELA DAWSON 5102160247

SITE	01	TICKET #	967156	CELL	
WEIGHMASTER Wanda C.					
DATE/TIME IN		02-01-2016 9:35 am		DATE/TIME OUT 02-1-2016 9:35 am	
VEHICLE			CONTAINER		
REFERENCE			INVOICE		
201604507					
BILL OF LADING					

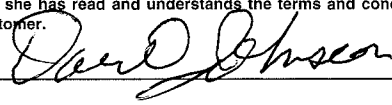
SCALE IN	GROSS WEIGHT	52,180	NET TONS	12.98	
TARE OUT	TARE WEIGHT	26,220	NET WEIGHT	25,960	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
12.98	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$378.50	\$0.00	\$378.50
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.27%	\$16.16	\$0.00	\$16.16

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$409.66
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 33

20160 4508 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4508</u>		c. Page 1 of <u>964161</u> 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	n. Total Quantity	o. Unit Wt/Vol
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature on Behalf of CSXT		2-1-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
Tony Barton		Signature		2-1-16	
c. Driver Name (Print)		d. Signature		e. Date	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 13.52		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
W. Crabtree		Signature		2-1-16	
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER 888913
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE 01	TICKET# 967161	CELL
WEIGHMASTER Wanda C.		
DATE/TIME IN 02-01-2016 10:10 am	DATE/TIME OUT 02-01-2016 10:10 am	
VEHICLE 8720	CONTAINER	
REFERENCE 201604508	INVOICE	
BILL OF LADING		

SCALE IN	GROSS WEIGHT	56,080	NET TONS	13.52	
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	27,040	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
13.52	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$394.24	\$0.00	\$394.24
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.27%	\$16.83	\$0.00	\$16.83

HAVE A NICE DAY !!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

Tony Barton

NET AMOUNT
\$426.07
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 160034

20160509 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>4509</u>		c. Page 1 of <u>9671621</u>	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature		Date	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
c. Driver Name (Print)		d. Signature		e. Date	
Jimmy Lee Workman		Signature		2-1-16	

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: 13.79		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
e. Name of Authorized Agent (Print)		f. Signature		g. Date	
W. Crabtree		W. Crabtree		2-1-16	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:			
b. Phone:		d. Phone:			
e. Special Handling Instructions and Additional Information:					
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable					
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.					
g. Operator's Name and Title (Print)		h. Signature		i. Date	
Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both					

SITE: BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER: 888913
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE: 01	TICKET# 967162	CELL
WEIGHMASTER: Wanda C.		
DATE/TIME IN: 02-01-2016 10:13 am		DATE/TIME OUT: 02-01-2016 10:13 am
VEHICLE: K122		CONTAINER
REFERENCE: 201604509		INVOICE
BILL OF LADING		

SCALE IN	GROSS WEIGHT	53,080	NET TONS	13.79	
TARE OUT	TARE WEIGHT	25,500	NET WEIGHT	27,580	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
13.79	TN	SW-CONT SOIL WISE CO, VA	\$29.16	\$402.12	\$0.00	\$402.12
1.00		ENVIRONMENTAL FEE 1	\$15.00	\$15.00	\$0.00	\$15.00
1.00		FUEL RECOVERY FEE	4.27%	\$17.17	\$0.00	\$17.17

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

NET AMOUNT
\$434.29
TENDERED \$0.00
CHANGE \$0.00
CHECK#



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

CSX Project No.: R130220

CSX Authorization #: 1600 35

201604510 DD-ASC

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number <u>967537</u> <u>4510</u>		c. Page 1 of 1	
d. Generator's Name and Location: CSX Transportation, Inc. 940 W. Main Ave. Big Stone Gap, VA 24219 f. Phone: 317-267-4151			e. Generator's Mailing Address: CSX Transportation, Inc. 31 East Georgia Street Indianapolis, IN 46204 g. Phone: 317-267-4151		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity
5102160247	1/6/2017	Non-DOT, Non-RCRA, soil, scrap metal, railroad ties, boulders, gravel and coal fines - waste will be generated as the result of site remediation	1	DT	20
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Tyler McNabb		Signature <u>Tyler McNabb</u> on Behalf of CSX		2-5-16	
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Kerry Jones Trucking LLC 1812 Highway 11 W. Bristol, TN 37620 b. Phone: 423-279-0055			CSX Emergency Contact PSCC 800-232-0144		
BRIAN JONES			Signature <u>Brian Jones</u>		2-5-16
c. Driver Name (Print)			d. Signature		e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Republic Services Carter Valley Landfill 2825 Carters Valley Road Church Hill, TN 37642 b. Phone: 423-357-6777		c. US EPA Number	d. Discrepancy Indication Space: <u>16.57</u>
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
Signature <u>Ferguson</u>		Signature <u>Ferguson</u>	
e. Name of Authorized Agent (Print)		g. Date <u>2/5/16</u>	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

SITE BFI-CARTER VALLEY LANDFILL
2825 CARTERS VALLEY RD
CHURCH HILL, TN 37642 423-357-6777

CUSTOMER
888913
NATIONAL ACCOUNTS/CSX
185000 NORTH ALLIED WAY
ATT: ANGELA DAWSON
5102160247

SITE 01	TICKET # 967537	CELL
WEIGHMASTER Jennifer F.		
DATE/TIME IN 02-05-2016 1:21 pm		DATE/TIME OUT 02-5-2016 1:21 pm
VEHICLE k126		CONTAINER
REFERENCE		INVOICE
BILL OF LADING		

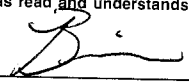
SCALE IN	GROSS WEIGHT	61,900	NET TONS	16.57	
TARE OUT	TARE WEIGHT	28,760	NET WEIGHT	33,140	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
16.57	TN	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1	WISE CO, VA			
1.00		FUEL RECOVERY FEE				
			\$29.16	\$483.18	\$0.00	\$483.18
			\$15.00	\$15.00	\$0.00	\$15.00
			4.27%	\$20.63	\$0.00	\$20.63

HAVE A NICE DAY!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE 

NET AMOUNT
\$518.81
TENDERED
\$0.00
CHANGE
\$0.00
CHECK#

Appendix D

Laboratory Analytical Report



01/26/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

CSX Transportation

GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

KX5586

Accutest Job Number: FA30949

Sampling Date: 01/19/16

Report to:

Geosyntec Consultants
180A Market Place Blvd
Knoxville, TN 37922
DGraves@Geosyntec.com; LLeonard@Geosyntec.com

ATTN: Leroy Leonard

Total number of pages in report: **25**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Norm Farmer'.

Norm Farmer
Technical Director

Client Service contact: Andrea Colby 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

CSX Transportation

Job No: FA30949

GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA
Project No: KX5586

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA30949-1	01/19/16	13:56 TM	01/25/16	SO	Soil	CS-01-011916
FA30949-2	01/19/16	15:21 TM	01/25/16	SO	Soil	CS-02-011916

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: CSX Transportation

Job FA30949

Site: GSYTNK: R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, **Report Date** 1/26/2016 11:53:40 AM

2 Samples were collected on 01/19/2016 and were received at Accutest SE on 01/25/2016 properly preserved, at 3.4 Deg. C and intact. These Samples received an Accutest job number of FA30949. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010C

Matrix: SO

Batch ID: MP29905

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA30949-1DUP, FA30949-1MS, FA30949-1MSD, FA30949-1PS, FA30949-1SDL were used as the QC samples for metals.

Matrix Spike Recovery(s) for Barium, Chromium, Silver are outside control limits. Spike recovery indicates possible matrix interference and/or sample non-homogeneity.

Matrix Spike Duplicate Recovery(s) for Barium, Cadmium, Chromium, Lead, Silver are outside control limits. Probable cause is due to matrix interference.

RPD(s) for Duplicate for Lead are outside control limits for sample MP29905-D1. High RPD due to possible sample non-homogeneity.

MP29905-D1 for Cadmium: RPD acceptable due to low duplicate and sample concentrations.

MP29905-D1 for Chromium: RPD acceptable due to low duplicate and sample concentrations.

RPD(s) for MSD for Lead, Silver are outside control limits for sample MP29905-S2. High RPD due to possible sample non-homogeneity.

RPD(s) for Serial Dilution for Arsenic, Cadmium, Chromium are outside control limits for sample MP29905-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP29905-SD1 for Barium: Serial dilution indicates possible matrix interference.

MP29905-PS1 for Barium: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

MP29905-PS1 for Chromium: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

MP29905-PS1 for Silver: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

FA30949-1 for Arsenic: Elevated reporting limit(s) due to matrix interference.

FA30949-1 for Barium: Elevated reporting limit(s) due to matrix interference.

FA30949-1 for Cadmium: Elevated reporting limit(s) due to matrix interference.

FA30949-1 for Chromium: Elevated reporting limit(s) due to matrix interference.

FA30949-1 for Selenium: Elevated reporting limit(s) due to matrix interference.

FA30949-1 for Silver: Elevated reporting limit(s) due to matrix interference.

Metals By Method SW846 7471B

Matrix: SO

Batch ID: MP29901

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA30918-5MS, FA30918-5MSD, FA30918-5SDL, FA30918-5DUP were used as the QC samples for metals.

Metals By Method SW846 7471B**Matrix:** SO**Batch ID:** MP29901

RPD(s) for Duplicate for Mercury are outside control limits for sample MP29901-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD(s) for Serial Dilution for Mercury are outside control limits for sample MP29901-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Wet Chemistry By Method SM19 2540G**Matrix:** SO**Batch ID:** GN69522

Sample(s) FA30949-1DUP was used as the QC samples for Solids, Percent.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used

Narrative prepared by:

Date: January 26, 2016

Lovelie Metzgar, QA Officer (signature on file)

Summary of Hits

Page 1 of 1

Job Number: FA30949

Account: CSX Transportation

Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Collected: 01/19/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

FA30949-1 CS-01-011916

Arsenic ^a	14.1	9.8		mg/kg	SW846 6010C
Barium ^a	357	200		mg/kg	SW846 6010C
Chromium ^a	12.6	9.8		mg/kg	SW846 6010C
Lead	37.6	0.98		mg/kg	SW846 6010C

FA30949-2 CS-02-011916

Arsenic	41.8	0.63		mg/kg	SW846 6010C
Barium	219	13		mg/kg	SW846 6010C
Cadmium	0.71	0.25		mg/kg	SW846 6010C
Chromium	9.7	0.63		mg/kg	SW846 6010C
Lead	231	1.3		mg/kg	SW846 6010C
Mercury	0.62	0.053		mg/kg	SW846 7471B

(a) Elevated reporting limit(s) due to matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: CS-01-011916**Lab Sample ID:** FA30949-1**Matrix:** SO - Soil**Date Sampled:** 01/19/16**Date Received:** 01/25/16**Percent Solids:** 84.0**Project:** GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic ^a	14.1	9.8	mg/kg	20	01/25/16	01/26/16 LM	SW846 6010C ³	SW846 3050B ⁵
Barium ^a	357	200	mg/kg	20	01/25/16	01/26/16 LM	SW846 6010C ³	SW846 3050B ⁵
Cadmium ^a	< 3.9	3.9	mg/kg	20	01/25/16	01/26/16 LM	SW846 6010C ³	SW846 3050B ⁵
Chromium ^a	12.6	9.8	mg/kg	20	01/25/16	01/26/16 LM	SW846 6010C ³	SW846 3050B ⁵
Lead	37.6	0.98	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁵
Mercury	< 0.046	0.046	mg/kg	1	01/25/16	01/25/16 JL	SW846 7471B ¹	SW846 7471B ⁴
Selenium ^a	< 20	20	mg/kg	20	01/25/16	01/26/16 LM	SW846 6010C ³	SW846 3050B ⁵
Silver ^a	< 9.8	9.8	mg/kg	20	01/25/16	01/26/16 LM	SW846 6010C ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA12911

(2) Instrument QC Batch: MA12913

(3) Instrument QC Batch: MA12915

(4) Prep QC Batch: MP29901

(5) Prep QC Batch: MP29905

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID: CS-02-011916**Lab Sample ID:** FA30949-2**Matrix:** SO - Soil**Date Sampled:** 01/19/16**Date Received:** 01/25/16**Percent Solids:** 72.0**Project:** GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	41.8	0.63	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁴
Barium	219	13	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁴
Cadmium	0.71	0.25	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁴
Chromium	9.7	0.63	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁴
Lead	231	1.3	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.62	0.053	mg/kg	1	01/25/16	01/25/16 JL	SW846 7471B ¹	SW846 7471B ³
Selenium	< 1.3	1.3	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁴
Silver	< 0.63	0.63	mg/kg	1	01/25/16	01/25/16 LM	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA12911

(2) Instrument QC Batch: MA12913

(3) Prep QC Batch: MP29901

(4) Prep QC Batch: MP29905

RL = Reporting Limit

Misc. Forms

5


Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

FA30949

COC # 16F1

 CHAIN OF CUSTODY	LABORATORY INFORMATION Accutest 4405 Vineland Rd., Suite C-15 Orlando, FL 32811		Phone: 407-425-6700 Fax: 407-425-0707		SHIPMENT INFORMATION Shipment Method: FedEx Shipment Tracking No: 8092 5090 8141
	CSXT PROJECT INFORMATION CSXT Project Number: R130220 CSXT Project Name: Y: 970 Main Ave. W CSXT Contact: Dan Dyer		CONSULTANT INFORMATION Project #: KX 5586 Company: Geosyntec Consultants, Inc. Address: 180A Market Place Blvd. City, State, Zip: Knoxville, TN, 37922		Project #: KX 5586 PM: Leroy Leonard Email: TMcNabb@geosyntec.com Phone: 865-330-0037 Fax: N/A
Turnaround Time: <input type="checkbox"/> Standard 6-13 Days <input checked="" type="checkbox"/> 1 Day Rush <input type="checkbox"/> 2 Day Rush <input type="checkbox"/> 3 Day Rush Deliverables: <input checked="" type="checkbox"/> CSXT Standard (Level II) <input type="checkbox"/> Level III <input type="checkbox"/> Level IV		Preservative Codes: 3 = Sulfuric Acid 0 = No Preservative 1 = Hydrochloric Acid 2 = Nitric Acid Matrix Codes: SO = Soil GW = Groundwater WW = Waste Water SW = Surface Water		Note: 0 Pres. Code: 0 METHODS FOR ANALYSIS COMMENTS LAB USE	
SAMPLE INFORMATION		Containers: Number & Type Sample Collection: Date, Time, Sampler Filtered: Y or N Type: Comp or Grab Matrix: Code		HM 8(RCA 8 Metab)	
1 CS-01-011916 2 CS-02-011916		1-402 1-19-16 1356 TM N Comp SO		1 1/20/16 Last Item - TSM	
Relinquished By: TJC M/M Relinquished By: FX Relinquished By: Received By Laboratory:		Date Time: 1-20-16/1300 Date Time: Date Time: Date Time:		Received By: FX Received By: J. Bane (ALR) Received By: Lab Remarks:	
Date Time: 09:00 Date Time: 1-25-16 Date Time:		Comments & Special Analytical Requirements: Please send a copy of the results to LLeonard@geosyntec.com		LAB USE: Custody Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal # LAB Log Number	

ORIGINAL- RETURN TO LABORATORY WITH SAMPLES

Rev. 5/21/02

2.1

INVOICE MUST BE DELIVERED WITH ORIGINAL COC AND FINAL REPORT TO CONSULTANT

FA30949: Chain of Custody

Page 1 of 3

NUMBER OF COOLERS RECEIVED

OTHER.

{APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

receipt confirmation 111015.xls



FA30949: Chain of Custody
Page 3 of 3

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA30949
Account: CSXT - CSX Transportation
Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29901
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/25/16

Metal	RL	IDL	MDL	MB	
				raw	final
Mercury	0.042	.0025	.0042	0.0015	<0.042

Associated samples MP29901: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA30949
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29901
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/25/16 01/25/16

Metal	FA30918-5 Original	DUP	RPD	QC Limits	FA30918-5 Original MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0075	0.0051	38.1 (a)	0-20	0.0075 0.31	0.287	105.5	80-120

Associated samples MP29901: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA30949
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29901
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/25/16

Metal	FA30918-5 Original MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
-------	---------------------------	---------------------	-------	------------	-------------

Mercury	0.0075	0.34	0.291	114.2	9.2	20
---------	--------	------	-------	-------	-----	----

Associated samples MP29901: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA30949

Account: CSXT - CSX Transportation

Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29901

Methods: SW846 7471B

Matrix Type: SOLID

Units: mg/kg

Prep Date: 01/25/16

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
-------	---------------	---------------------	-------	--------------

Mercury	0.24	0.25	96.0	80-120
---------	------	------	------	--------

Associated samples MP29901: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

6.1.3

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SERIAL DILUTION RESULTS SUMMARY

Login Number: FA30949
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29901
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: ug/l

Prep Date: 01/25/16

Metal	FA30918-5		QC	
	Original	SDL 1:5	%DIF	Limits

Mercury 0.0774 0.00 100.0(a) 0-10

Associated samples MP29901: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA30949
Account: CSXT - CSX Transportation
Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29905
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/25/16

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.7	1.8		
Antimony	1.0	.05	.065		
Arsenic	0.50	.065	.1	-0.065	<0.50
Barium	10	.05	.05	0.010	<10
Beryllium	0.25	.01	.025		
Cadmium	0.20	.01	.025	-0.0050	<0.20
Calcium	250	2.5	2.5		
Chromium	0.50	.05	.05	0.11	<0.50
Cobalt	2.5	.01	.025		
Copper	1.3	.05	.05		
Iron	15	.85	.85		
Lead	1.0	.05	.05	0.0	<1.0
Magnesium	250	1.8	1.8		
Manganese	0.75	.025	.025		
Molybdenum	2.5	.015	.025		
Nickel	2.0	.02	.025		
Potassium	500	10	10		
Selenium	1.0	.12	.12	0.020	<1.0
Silver	0.50	.035	.041	-0.030	<0.50
Sodium	500	25	25		
Strontium	0.50	.025	.025		
Thallium	0.50	.055	.055		
Tin	2.5	.045	.045		
Titanium	0.50	.025	.025		
Vanadium	2.5	.025	.025		
Zinc	1.0	.15	.15		

Associated samples MP29905: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA30949
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29905
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date:

01/25/16

01/25/16

Metal	FA30949-1 Original DUP		RPD	QC Limits	FA30949-1 Original MS		Spikelot MPFLICP2 % Rec		QC Limits
Aluminum									
Antimony									
Arsenic	4.4	16.1 (a)	13.2	0-20	4.4	100 (a)	99.2	86.6	80-120
Barium	357	388 (a)	8.3	0-20	357	599 (a)	99.2	243.9N(d)	80-120
Beryllium									
Cadmium	0.14	0.36 (a)	30.6 (b)	0-20	0.14	2.5 (a)	2.48	81.0	80-120
Calcium									
Chromium	3.5	8.0 (a)	44.7 (b)	0-20	3.5	16.8 (a)	9.92	42.3N(d)	80-120
Cobalt									
Copper									
Iron									
Lead	36.1	25.1	39.9*(c)	0-20	36.1	60.2	24.8	91.1	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium	0.0	0.0 (a)	NC	0-20	0.0	88.2 (a)	99.2	88.9	80-120
Silver	0.0	0.0 (a)	NC	0-20	0.0	1.6 (a)	2.48	64.5N(d)	80-120
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP29905: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Elevated reporting limit(s) due to matrix interference.

(b) RPD acceptable due to low duplicate and sample concentrations.

(c) High RPD due to possible sample non-homogeneity.

(d) Spike recovery indicates possible matrix interference and/or sample non-homogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA30949
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29905
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/25/16

Metal	FA30949-1 Original MSD	Spikelot MPFLICP2 % Rec	MSD RPD	QC Limit
Aluminum				
Antimony				
Arsenic	4.4	96.0 (a) 92.3	88.7	4.1
Barium	357	720 (a) 92.3	393.3N(b)	18.3
Beryllium				
Cadmium	0.14	2.3 (a) 2.31	78.5N(b)	8.3
Calcium				
Chromium	3.5	19.5 (a) 9.23	74.8N(b)	14.9
Cobalt				
Copper				
Iron				
Lead	36.1	45.2	23.1	32.9N(b)
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	0.0	79.9 (a) 92.3	86.6	9.9
Silver	0.0	1.1 (a) 2.31	47.7N(b)	37.0 (c)
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29905: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Elevated reporting limit(s) due to matrix interference.

(b) Spike recovery indicates possible matrix interference and/or sample non-homogeneity.

(c) High RPD due to possible sample non-homogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA30949

Account: CSXT - CSX Transportation

Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29905

Methods: SW846 6010C

Matrix Type: SOLID

Units: mg/kg

Prep Date: 01/25/16

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	96.5	100	96.5	80-120
Barium	105	100	105.0	80-120
Beryllium				
Cadmium	2.6	2.5	104.0	80-120
Calcium				
Chromium	10.3	10	103.0	80-120
Cobalt				
Copper				
Iron				
Lead	25.1	25	100.4	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	97.2	100	97.2	80-120
Silver	2.4	2.5	96.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29905: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA30949
Account: CSXT - CSX Transportation
Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29905
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/25/16

Metal	FA30949-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	88.5	398	38.6 (a)	0-10
Barium	7260	9020	24.2*(b)	0-10
Beryllium				
Cadmium	2.90	0.00	100.0(a)	0-10
Calcium				
Chromium	70.2	299	16.9 (a)	0-10
Cobalt				
Copper				
Iron				
Lead	734	807	5.5	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29905: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) Serial dilution indicates possible matrix interference.

POST DIGESTATE SPIKE SUMMARY

Login Number: FA30949
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29905
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date:

01/25/16

Metal	Sample ml	Final ml	FA30949-1 Raw	FA30949-1 Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	9.8	10	88.5	281.162	397.8	0.2	5	100	116.6	80-120
Barium	9.8	10	7259	7113.82	7777	0.2	12.5	250	265.3*(a)	80-120
Beryllium										
Cadmium	9.8	10	2.9	9.702	65.6	0.2	2.5	50	111.8	80-120
Calcium										
Chromium	9.8	10	70.2	250.684	318.9	0.2	2.5	50	136.4*(a)	80-120
Cobalt										
Copper										
Iron										
Lead	9.8	10	734.2	749.7	799.1	0.2	2.5	50	98.8	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium	9.8	10			101.9	0.2	5	100	101.9	80-120
Silver	9.8	10			38.4	0.2	2.5	50	76.8*(a)	80-120
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP29905: FA30949-1, FA30949-2

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(**) Corr. sample result = Raw * (sample volume / final volume)

(anr) Analyte not requested

(a) Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.



02/01/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

CSX Transportation

GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

KX5586

Accutest Job Number: FA31066

Sampling Dates: 01/27/16 - 01/28/16

Report to:

A large empty rectangular box intended for the name and contact information of the report recipient.

Total number of pages in report: **12**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Norm Farmer'.

Norm Farmer
Technical Director

Client Service contact: Andrea Colby 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

CSX Transportation

Job No: FA31066

GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA
Project No: KX5586

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA31066-1	01/27/16	12:50 TM	01/29/16	SO	Soil	CS-03-012716
FA31066-2	01/28/16	09:06 TM	01/29/16	SO	Soil	CS-04-012716
FA31066-3	01/28/16	10:20 TM	01/29/16	SO	Soil	CS-05-012716

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 1

Job Number: FA31066

Account: CSX Transportation

Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Collected: 01/27/16 thru 01/28/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA31066-1	CS-03-012716					
Arsenic		1.0	0.39		mg/kg	SW846 6010C
Barium		23.6	7.8		mg/kg	SW846 6010C
Chromium		5.9	0.39		mg/kg	SW846 6010C
Lead		6.2	0.78		mg/kg	SW846 6010C
FA31066-2	CS-04-012716					
Arsenic ^a		20.0	1.4		mg/kg	SW846 6010C
Barium		122	14		mg/kg	SW846 6010C
Cadmium ^a		3.1	0.58		mg/kg	SW846 6010C
Chromium ^a		215	1.4		mg/kg	SW846 6010C
Lead ^a		1130	2.9		mg/kg	SW846 6010C
Mercury		0.82	0.12		mg/kg	SW846 7471B
FA31066-3	CS-05-012716					
Arsenic		15.0	0.57		mg/kg	SW846 6010C
Barium		48.0	11		mg/kg	SW846 6010C
Chromium		9.6	0.57		mg/kg	SW846 6010C
Lead		74.7	1.1		mg/kg	SW846 6010C
Mercury		0.065	0.049		mg/kg	SW846 7471B

(a) Elevated reporting limit(s) due to matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: CS-03-012716**Lab Sample ID:** FA31066-1**Matrix:** SO - Soil**Date Sampled:** 01/27/16**Date Received:** 01/29/16**Percent Solids:** 86.9**Project:** GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.0	0.39	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Barium	23.6	7.8	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Cadmium	< 0.16	0.16	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Chromium	5.9	0.39	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Lead	6.2	0.78	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Mercury	< 0.042	0.042	mg/kg	1	02/01/16	02/01/16 JL	SW846 7471B ²	SW846 7471B ⁴
Selenium	< 0.78	0.78	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Silver	< 0.39	0.39	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA12920

(2) Instrument QC Batch: MA12924

(3) Prep QC Batch: MP29921

(4) Prep QC Batch: MP29925

RL = Reporting Limit

Report of Analysis

Client Sample ID: CS-04-012716**Lab Sample ID:** FA31066-2**Matrix:** SO - Soil**Date Sampled:** 01/28/16**Date Received:** 01/29/16**Percent Solids:** 61.1**Project:** GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analized By	Method	Prep Method
Arsenic ^a	20.0	1.4	mg/kg	2	01/29/16	02/01/16 LM	SW846 6010C ³	SW846 3050B ⁴
Barium	122	14	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ⁴
Cadmium ^a	3.1	0.58	mg/kg	2	01/29/16	02/01/16 LM	SW846 6010C ³	SW846 3050B ⁴
Chromium ^a	215	1.4	mg/kg	2	01/29/16	02/01/16 LM	SW846 6010C ³	SW846 3050B ⁴
Lead ^a	1130	2.9	mg/kg	2	01/29/16	02/01/16 LM	SW846 6010C ³	SW846 3050B ⁴
Mercury	0.82	0.12	mg/kg	2	02/01/16	02/01/16 JL	SW846 7471B ²	SW846 7471B ⁵
Selenium ^a	< 2.9	2.9	mg/kg	2	01/29/16	02/01/16 LM	SW846 6010C ³	SW846 3050B ⁴
Silver ^a	< 1.4	1.4	mg/kg	2	01/29/16	02/01/16 LM	SW846 6010C ³	SW846 3050B ⁴

(1) Instrument QC Batch: MA12920

(2) Instrument QC Batch: MA12924

(3) Instrument QC Batch: MA12926

(4) Prep QC Batch: MP29921

(5) Prep QC Batch: MP29925

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID: CS-05-012716**Lab Sample ID:** FA31066-3**Matrix:** SO - Soil**Date Sampled:** 01/28/16**Date Received:** 01/29/16**Percent Solids:** 80.7**Project:** GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	15.0	0.57	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Barium	48.0	11	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Cadmium	< 0.23	0.23	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Chromium	9.6	0.57	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Lead	74.7	1.1	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Mercury	0.065	0.049	mg/kg	1	02/01/16	02/01/16 JL	SW846 7471B ²	SW846 7471B ⁴
Selenium	< 1.1	1.1	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³
Silver	< 0.57	0.57	mg/kg	1	01/29/16	01/29/16 LM	SW846 6010C ¹	SW846 3050B ³

(1) Instrument QC Batch: MA12920

(2) Instrument QC Batch: MA12924

(3) Prep QC Batch: MP29921

(4) Prep QC Batch: MP29925

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

	CHAIN OF CUSTODY	LABORATORY INFORMATION				COC # <u>1047</u> FA31066			
		Accutest		Phone: 407-425-6700		SHIPMENT INFORMATION			
4405 Vineland Rd., Suite C-15		Fax: 407-425-0707		Shipment Method: <u>FedEx</u>					
Orlando, FL 32811				Shipment Tracking No: <u>8092 5090 8130</u>					
CSXT PROJECT INFORMATION				CONSULTANT INFORMATION					
CSXT Project Number: <u>R130220</u>		Proj. State (State of Origin): <u>VA</u>		Company: <u>Geosyntec Consultants, Inc.</u>		Project #: <u>KX 5586</u>			
CSXT Project Name: <u>Y: 970 Main Ave. W</u>		Proj. City: <u>VA</u> <u>Big Stone Gap</u>		Address: <u>180A Market Place Blvd.</u>		PM: <u>Leroy Leonard</u>			
CSXT Contact: <u>Dan Dyer</u>		LWON: <u>ENV0000123524</u>		City, State, Zip: <u>Knoxville, TN, 37922</u>		Email: <u>TMcNabb@geosyntec.com</u>			
						Phone: <u>865-330-0037</u> Fax: <u>N/A</u>			
Turnaround Time: <input checked="" type="checkbox"/> 1 Day Rush <input type="checkbox"/> 2 Day Rush <input type="checkbox"/> 3 Day Rush <input type="checkbox"/> Standard 6-13 Days <input type="checkbox"/> Standard 14 Days <input type="checkbox"/> Other _____		Preservative Codes: 0 = No Preservative 1 = Hydrochloric Acid 2 = Nitric Acid 3 = Sulfuric Acid 4 = Sodium Thiosulfate 5 = Sodium Hydroxide 6 = Other _____		Note: <u>0</u> Pres. Code		COMMENTS LAB USE			
Deliverables: <input checked="" type="checkbox"/> CSXT Standard (Level II) <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> Other Deliv: _____ <input checked="" type="checkbox"/> EDD Required, Format: _____		Matrix Codes: GW = Groundwater WW = Waste Water SW = Surface Water SO = Soil SL = Sludge OI = Oil LIQ = Liquid SOL = Other Solid							
SAMPLE INFORMATION									
Sample Identification		Containers		Sample Collection			Filtered	Type	Matrix
		Number & Type	Date	Time	Sampler	Y or N	Comp or Grab	Code	Code
①	CS-03-012716		1-4oz.	1-27-16	1250	TM	N	Comp	SO
②	CS-04-012816		↓	1-28-16	0906	↓	↓	↓	↓
③	CS-05-012816		↓	1-28-16	1020	↓	↓	↓	↓
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(-15deg); opacity: 0.5;"> Last Item - TSM - 1/28/16 </div> </div>									
Relinquished By: <u>T.M. M. / J.W.</u>		Date Time: <u>1-28-16 / 1430</u>		Received By: <u>FX</u>		Date Time: _____		Comments & Special Analytical Requirements: <u>Please send a copy of the results to LLeonard@geosyntec.com</u> <u>X</u>	
Relinquished By: <u>FX</u>		Date Time: _____		Received By: <u>[Signature]</u>		Date Time: <u>1/29/16 10:30</u>			
Relinquished By: _____		Date Time: _____		Received By: _____		Date Time: _____			
Received By Laboratory: _____		Date Time: _____		Lab Remarks: <u>1:2.8^b</u>		LAB USE: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
								Custody Seal # _____	
								LAB Log Number _____	

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

Rev. 5/21/02

INVOICE MUST BE DELIVERED WITH ORIGINAL COC AND FINAL REPORT TO CONSULTANT

FA31066: Chain of Custody

Page 1 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA31066 CLIENT: Geosyntec PROJECT: KX 5586
 DATE/TIME RECEIVED: 1/29/16 10:30 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: ☒ FEDEX ☐ UPS ☐ ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8092 5090 8130

COOLER INFORMATION

- ☐ CUSTODY SEAL NOT PRESENT OR NOT INTACT
☐ CHAIN OF CUSTODY NOT RECEIVED (COC)
☐ ANALYSIS REQUESTED IS UNCLEAR OR MISSING
☐ SAMPLE DATES OR TIMES UNCLEAR OR MISSING
☐ TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- ☐ TRIP BLANK PROVIDED
☒ TRIP BLANK NOT PROVIDED
☒ TRIP BLANK NOT ON COC
☐ TRIP BLANK INTACT
☐ TRIP BLANK NOT INTACT
☐ RECEIVED WATER TRIP BLANK
☐ RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM _____ 5-GRAM _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

TEST STRIP LOT#s pH 0-3 204413A pH 10-12 219813A OTHER (specify) _____

SUMMARY OF COMMENTS: _____

TEMPERATURE INFORMATION

- ☐ IR THERM ID 1 CORR. FACTOR -0.4
☐ OBSERVED TEMPS: 3.2
☐ CORRECTED TEMPS: 2.8 (USED FOR LIMS)

SAMPLE INFORMATION

- ☐ INCORRECT NUMBER OF CONTAINERS USED
☐ SAMPLE RECEIVED IMPROPERLY PRESERVED
☐ INSUFFICIENT VOLUME FOR ANALYSIS
☐ DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
☐ ID'S ON COC DO NOT MATCH LABEL
☐ VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
☐ BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
☐ NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
☐ UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
☐ SAMPLE CONTAINER(S) RECEIVED BROKEN
☐ 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
☐ BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
☐ % SOLIDS JAR NOT RECEIVED
☐ RESIDUAL CHLORINE PRESENT LOT# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 1/29/16 REVIEWER SIGNATURE/DATE [Signature] 1-29-16

NF 11/15

receipt confirmation 111015.xls

FA31066: Chain of Custody

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00039

01000

FedEx Package
Express US Airbill

FedEx Tracking Number 8092 5090 8130

Form 0215

MUR4

12230

fedex.com 1800.GoFedEx 1800.463.3339

06757025

 1 From
Date 1-28-16

Sender's Name [Redacted] Phone 573 979-1879

Company Georgia Corrosion, Inc.

Address 130 A Maple Point Blvd.

City Knoxville State TN ZIP 37918

2 Your Internal Billing Reference

 3 To
Recipient's Name SAMPLE MANAGEMENT Phone 407 425-6700

Company ACCUTEST LABORATORIES

 Address 4405 VINELAND RD STE C15
We cannot deliver to P.O. boxes or P.O. ZIP codes.

 Address [Redacted]
Use this line for the HOLD location address or for continuation of your shipping address.

City ORLANDO State FL ZIP 32811-5602

 Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.
Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.


8092 5090 8130

4 Express Package Service

* To most locations.

 Packages up to 150 lbs.
For packages over 150 lbs., see the
FedEx Express Freight LT Airbill.

Next Business Day

☐ FedEx First Overnight
Guaranteed next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday Delivery is selected.

☒ FedEx Priority Overnight
Next business morning. * Friday shipments will be
delivered on Monday unless Saturday Delivery
is selected.

☐ FedEx Standard Overnight
Next business afternoon.
Saturday Delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning.
Saturday Delivery NOT available.

☐ FedEx 2Day
Second business afternoon. * Thursday shipments
will be delivered on Monday unless Saturday
Delivery is selected.

☐ FedEx Express Saver
Third business day.
Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☒ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without
obtaining a signature for delivery.

☒ Direct Signature
Someone at recipient's address
may sign for delivery.

☐ Indirect Signature
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only.

 Does this shipment contain dangerous goods?
One box must be checked.
☒ No ☐ Yes ☐ Yes, attached
Properly Declaration not required.

 Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Dry Ice ☐ Cargo Aircraft Only

 7 Payment Bill to:
Enter FedEx Acct. No. or Credit Card No. below.

☐ Sender ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight Credit Card Auth.

*This liability is limited to \$5000 unless you declare a higher value. See the current FedEx Service Guide for details.

FA31066: Chain of Custody

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02/09/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

CSX Transportation

GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

KX5586

Accutest Job Number: FA31216

Sampling Date: 02/04/16

Report to:

Geosyntec Consultants
180A Market Place Blvd
Knoxville, TN 37922
tmcnabb@Geosyntec.com; LLeonard@Geosyntec.com

ATTN: Leroy Leonard

Total number of pages in report: **24**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Andrea Colby 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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-1-

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Sample Summary

CSX Transportation

Job No: FA31216

GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA
Project No: KX5586

Sample Number	Collected		Matrix		Client	
	Date	Time By	Received	Code Type	Sample ID	
FA31216-1	02/04/16	12:45 TM	02/05/16	SO Soil	CS-05A-020416	

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: CSX Transportation

Job No: FA31216

Site: GSYTNK: R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA **Report Date** 2/9/2016 9:31:48 AM

1 Sample was collected on 02/04/2016 and was received at Accutest SE on 02/05/2016 properly preserved, at 3.8 Deg. C and intact. This Sample received an Accutest job number of FA31216. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010C

Matrix: SO

Batch ID: MP29951

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA31184-7DUP, FA31184-7MS, FA31184-7MSD, FA31184-7PS, FA31184-7SDL were used as the QC samples for metals.

Matrix Spike Recovery(s) for Arsenic, Cadmium are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

Matrix Spike Duplicate Recovery(s) for Arsenic, Cadmium, Selenium are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

RPD(s) for Duplicate for Arsenic are outside control limits for sample MP29951-D1. High RPD due to possible sample non-homogeneity.

MP29951-D1 for Cadmium: RPD acceptable due to low duplicate and sample concentrations.

MP29951-D1 for Selenium: RPD acceptable due to low duplicate and sample concentrations.

RPD(s) for Serial Dilution for Cadmium, Selenium are outside control limits for sample MP29951-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP29951-SD1 for Barium: Serial dilution indicates possible matrix interference.

MP29951-SD1 for Chromium: Serial dilution indicates possible matrix interference.

FA31216-1 for Silver: Elevated reporting limit(s) due to matrix interference.

FA31216-1 for Arsenic: Elevated reporting limit(s) due to matrix interference.

FA31216-1 for Barium: Elevated reporting limit(s) due to matrix interference.

FA31216-1 for Cadmium: Elevated reporting limit(s) due to matrix interference.

FA31216-1 for Chromium: Elevated reporting limit(s) due to matrix interference.

FA31216-1 for Selenium: Elevated reporting limit(s) due to matrix interference.

Metals By Method SW846 7471B

Matrix: SO

Batch ID: MP29952

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA31216-1DUP, FA31216-1MS, FA31216-1MSD, FA31216-1SDL were used as the QC samples for metals.

RPD(s) for Serial Dilution for Mercury are outside control limits for sample MP29952-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Wet Chemistry By Method SM19 2540G

Matrix: SO

Batch ID: GN69683

Sample(s) FA31216-1DUP was used as the QC samples for Solids, Percent.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used

Narrative prepared by:

Date: February 9, 2016

Lovelie Metzgar, QA Officer (signature on file)

Summary of Hits

Job Number: FA31216
Account: CSX Transportation
Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA
Collected: 02/04/16



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA31216-1	CS-05A-020416					
Barium ^a		51.2	42		mg/kg	SW846 6010C
Chromium ^a		9.4	2.1		mg/kg	SW846 6010C
Lead		9.6	1.1		mg/kg	SW846 6010C

(a) Elevated reporting limit(s) due to matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: CS-05A-020416**Lab Sample ID:** FA31216-1**Matrix:** SO - Soil**Date Sampled:** 02/04/16**Date Received:** 02/05/16**Percent Solids:** 85.8**Project:** GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analized By	Method	Prep Method
Arsenic ^a	< 2.1	2.1	mg/kg	4	02/05/16	02/08/16 DM	SW846 6010C ³	SW846 3050B ⁴
Barium ^a	51.2	42	mg/kg	4	02/05/16	02/08/16 DM	SW846 6010C ³	SW846 3050B ⁴
Cadmium ^a	< 0.85	0.85	mg/kg	4	02/05/16	02/08/16 DM	SW846 6010C ³	SW846 3050B ⁴
Chromium ^a	9.4	2.1	mg/kg	4	02/05/16	02/08/16 DM	SW846 6010C ³	SW846 3050B ⁴
Lead	9.6	1.1	mg/kg	1	02/05/16	02/05/16 LM	SW846 6010C ¹	SW846 3050B ⁴
Mercury	< 0.044	0.044	mg/kg	1	02/08/16	02/08/16 JL	SW846 7471B ²	SW846 7471B ⁵
Selenium ^a	< 4.2	4.2	mg/kg	4	02/05/16	02/08/16 DM	SW846 6010C ³	SW846 3050B ⁴
Silver ^a	< 2.1	2.1	mg/kg	4	02/05/16	02/08/16 DM	SW846 6010C ³	SW846 3050B ⁴

(1) Instrument QC Batch: MA12942

(2) Instrument QC Batch: MA12943

(3) Instrument QC Batch: MA12946

(4) Prep QC Batch: MP29951

(5) Prep QC Batch: MP29952

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

FA31216

CSX TRANSPORTATION	CHAIN OF CUSTODY	LABORATORY INFORMATION				SHIPMENT INFORMATION					
		Accutest 4405 Vineland Rd., Suite C-15 Orlando, FL 32811		Phone: 407-425-6700 Fax: 407-425-0707		COC # 1 of 1 Shipment Method: FedEx Shipment Tracking No: 841697248619					
		Proj. State (State of Origin): VA		Project #: KX 5586		Project #: KX 5586					
CSXT PROJECT INFORMATION		Proj. City: VA TM Big Stone Gap		CONSULTANT INFORMATION				Project #: KX 5586			
CSXT Project Number: R130220		CSXT Project Name: Y: 970 Main Ave. W		Company: Geosyntec Consultants, Inc. Address: 180A Market Place Blvd. City, State, Zip: Knoxville, TN, 37922				PM: Leroy Leonard Email: TMcNabb@geosyntec.com Phone: 865-330-0037 Fax: N/A			
CSXT Contact: Dan Dyer		LWON: ENV0000123524		City, State, Zip: Knoxville, TN, 37922				Phone: 865-330-0037 Fax: N/A			
Turnaround Time: <input checked="" type="checkbox"/> 1 Day Rush <input type="checkbox"/> 2 Day Rush <input type="checkbox"/> 3 Day Rush <input type="checkbox"/> Standard 6-13 Days <input type="checkbox"/> Specify # Days _____ <input type="checkbox"/> Standard 14 Days <input type="checkbox"/> Other _____		Preservative Codes: 0 = No Preservative 1 = Hydrochloric Acid 2 = Nitric Acid 3 = Sulfuric Acid 4 = Sodium Thiosulfate 5 = Sodium Hydroxide 6 = Other _____		Matrix Codes: GW = Groundwater WW = Waste Water SW = Surface Water SO = Soil SL = Sludge LIQ = Liquid OI = Oil SOL = Other Solid				Deliverables: <input checked="" type="checkbox"/> CSXT Standard (Level II) <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> Other Deliv.: _____ <input checked="" type="checkbox"/> EDD Required, Format: _____			
SAMPLE INFORMATION		Containers Number & Type		Sample Collection Date Time Sampler		Filtered Y or N		Type Comp or Grab		Matrix Code	
Sample Identification		1-402		2-4-16 1245 TM		N		Comp		SO	
CS-05a-020416		1-402		2-4-16 1245 TM		N		Comp		SO	
Relinquished By: JLC M/M		Date Time: 2-4-16/1400		Received By: FX		Date Time:		Comments & Special Analytical Requirements: Please send a copy of the results to LLeonard@geosyntec.com			
Relinquished By: FX		Date Time: 2/5/16		Received By: JLC		Date Time: 2/5/16 9:15		Date Time:			
Relinquished By:		Date Time:		Received By:		Date Time:		Date Time:			
Received By Laboratory:		Date Time:		Lab Remarks:		LAB USE: Custody Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal #		LAB Log Number	

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

Rev. 5/21/02

INVOICE MUST BE DELIVERED WITH ORIGINAL COC AND FINAL REPORT TO CONSULTANT

① 3.8

FA31216: Chain of Custody

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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA31216 CLIENT: CSX-GeoSyntec PROJECT: SP-R130220-Kx5586
 DATE/TIME RECEIVED: 2/5/16 9:15 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8416 9724 8619

COOLER INFORMATION

- ☐ CUSTODY SEAL NOT PRESENT OR NOT INTACT
- ☐ CHAIN OF CUSTODY NOT RECEIVED (COC)
- ☐ ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- ☐ SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- ☐ TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- ☐ TRIP BLANK PROVIDED
- ☒ TRIP BLANK NOT PROVIDED
- ☒ TRIP BLANK NOT ON COC
- ☐ TRIP BLANK INTACT
- ☐ TRIP BLANK NOT INTACT
- ☐ RECEIVED WATER TRIP BLANK
- ☐ RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM _____ 5-GRAM _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

TEST STRIP LOT#s pH 0-3 204413A pH 10-12 219813A OTHER (specify) _____

SUMMARY OF COMMENTS: _____

TEMPERATURE INFORMATION

- ☐ IR THERM ID 1 CORR. FACTOR -0.4
- ☐ OBSERVED TEMPS: 4.2
- ☐ CORRECTED TEMPS: 3.8 (USED FOR LIMS)

SAMPLE INFORMATION

- ☐ INCORRECT NUMBER OF CONTAINERS USED
- ☐ SAMPLE RECEIVED IMPROPERLY PRESERVED
- ☐ INSUFFICIENT VOLUME FOR ANALYSIS
- ☐ DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ☐ ID'S ON COC DO NOT MATCH LABEL
- ☐ VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- ☐ BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- ☐ NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- ☐ UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- ☐ SAMPLE CONTAINER(S) RECEIVED BROKEN
- ☐ 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- ☐ BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- ☐ % SOLIDS JAR NOT RECEIVED
- ☐ RESIDUAL CHLORINE PRESENT LOT# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 2/5/16 REVIEWER SIGNATURE/DATE [Signature] 2/5/16
 NF 11/15 receipt confirmation 111015.xls

FA31216: Chain of Custody

Page 2 of 3



FA31216: Chain of Custody
Page 3 of 3

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA31216
Account: CSXT - CSX Transportation
Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29951
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 02/05/16

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.7	1.8		
Antimony	1.0	.05	.065		
Arsenic	0.50	.065	.1	-0.090	<0.50
Barium	10	.05	.05	0.0050	<10
Beryllium	0.25	.01	.025		
Cadmium	0.20	.01	.025	-0.0050	<0.20
Calcium	250	2.5	2.5		
Chromium	0.50	.05	.05	0.015	<0.50
Cobalt	2.5	.01	.025		
Copper	1.3	.05	.05		
Iron	15	.85	.85		
Lead	1.0	.05	.05	-0.030	<1.0
Magnesium	250	1.8	1.8		
Manganese	0.75	.025	.025		
Molybdenum	2.5	.015	.025		
Nickel	2.0	.02	.025		
Potassium	500	10	10		
Selenium	1.0	.12	.12	-0.045	<1.0
Silver	0.50	.035	.041	-0.015	<0.50
Sodium	500	25	25		
Strontium	0.50	.025	.025		
Thallium	0.50	.055	.055		
Tin	2.5	.045	.045		
Titanium	0.50	.025	.025		
Vanadium	2.5	.025	.025		
Zinc	1.0	.15	.15		

Associated samples MP29951: FA31216-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA31216
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29951
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/05/16 02/05/16

Metal	FA31184-7 Original DUP		RPD	QC Limits	FA31184-7 Original MS		Spikelot MPFLICP2	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	2.1	6.1	97.6*(a)	0-20	2.1	77.3	94.4	79.7N(c)	80-120
Barium	32.1	32.0	0.3	0-20	32.1	118	94.4	91.0	80-120
Beryllium									
Cadmium	0.016	0.0	200.0(b)	0-20	0.016	1.9	2.36	79.8N(c)	80-120
Calcium									
Chromium	6.6	7.0	5.9	0-20	6.6	14.3	9.44	81.6	80-120
Cobalt									
Copper									
Iron									
Lead	6.6	6.7	1.5	0-20	6.6	29.7	23.6	97.9	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium	0.23	0.34	38.6 (b)	0-20	0.23	76.4	94.4	80.7	80-120
Silver	0.0	0.0	NC	0-20	0.0	2.0	2.36	84.7	80-120
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP29951: FA31216-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) High RPD due to possible sample non-homogeneity.

(b) RPD acceptable due to low duplicate and sample concentrations.

(c) Spike recovery indicates possible matrix interference and/or sample non-homogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA31216
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29951
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/05/16

Metal	FA31184-7 Original	MSD	Spikelot MPFLICP2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.1	69.3	88.2	76.2N(a)	10.9	20
Barium	32.1	110	88.2	88.4	7.0	20
Beryllium						
Cadmium	0.016	1.7	2.2	76.4N(a)	11.1	20
Calcium						
Chromium	6.6	14.2	8.82	86.2	0.7	20
Cobalt						
Copper						
Iron						
Lead	6.6	28.9	22	101.2	2.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium	0.23	68.3	88.2	77.2N(a)	11.2	20
Silver	0.0	1.8	2.2	81.7	10.5	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP29951: FA31216-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample non-homogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA31216

Account: CSXT - CSX Transportation

Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29951

Methods: SW846 6010C

Matrix Type: SOLID

Units: mg/kg

Prep Date: 02/05/16

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	95.0	100	95.0	80-120
Barium	104	100	104.0	80-120
Beryllium				
Cadmium	2.4	2.5	96.0	80-120
Calcium				
Chromium	9.9	10	99.0	80-120
Cobalt				
Copper				
Iron				
Lead	24.2	25	96.8	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	96.0	100	96.0	80-120
Silver	2.4	2.5	96.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29951: FA31216-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA31216
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29951
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/16

Metal	FA31184-7 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	39.4	41.4	5.1	0-10
Barium	589	693	17.6*(a)	0-10
Beryllium				
Cadmium	0.300	0.00	100.0(b)	0-10
Calcium				
Chromium	121	144	19.1*(a)	0-10
Cobalt				
Copper				
Iron				
Lead	121	124	2.5	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	4.20	0.00	100.0(b)	0-10
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP29951: FA31216-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Serial dilution indicates possible matrix interference.

(b) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FA31216
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29951
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date:

02/05/16

Metal	Sample ml	Final ml	FA31184-7 Raw	PS Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic	9.8	10	39.4	38.612	126.1	0.2	5	100	87.5	80-120
Barium	9.8	10	589.1	577.318	814.2	0.2	12.5	250	94.8	80-120
Beryllium										
Cadmium	9.8	10	.3	.294	41.7	0.2	2.5	50	82.8	80-120
Calcium										
Chromium	9.8	10	120.5	118.09	162.8	0.2	2.5	50	89.4	80-120
Cobalt										
Copper										
Iron										
Lead	9.8	10	120.9	118.482	170.9	0.2	2.5	50	104.8	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium	9.8	10	4.2	4.116	88.3	0.2	5	100	84.2	80-120
Silver	9.8	10			41.5	0.2	2.5	50	83.0	80-120
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP29951: FA31216-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA31216
Account: CSXT - CSX Transportation
Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29952
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 02/08/16

Metal	RL	IDL	MDL	MB	
				raw	final
Mercury	0.042	.0025	.0042	0.00015	<0.042

Associated samples MP29952: FA31216-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA31216
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29952
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/08/16 02/08/16

Metal	FA31216-1 Original DUP		RPD	QC Limits	FA31216-1 Original MS		Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.027	0.025	7.7	0-20	0.027	0.32	0.273	107.3	80-120

Associated samples MP29952: FA31216-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA31216
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29952
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/08/16

Metal	FA31216-1 Original	MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.027	0.33	0.278	109.2	3.1	20

Associated samples MP29952: FA31216-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA31216

Account: CSXT - CSX Transportation

Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29952

Methods: SW846 7471B

Matrix Type: SOLID

Units: mg/kg

Prep Date: 02/08/16

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
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Mercury	0.25	0.25	100.0	80-120
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Associated samples MP29952: FA31216-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

6.2.3

6

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA31216
 Account: CSXT - CSX Transportation
 Project: GSYTNK:R130220/ENV123524: Y:970 W Main Ave, Big Stone Gap, VA

QC Batch ID: MP29952
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: ug/l

Prep Date: 02/08/16

Metal	FA31216-1		QC	
	Original	SDL 1:5	%DIF	Limits

Mercury	0.303	0.00	100.0(a)	0-10
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Associated samples MP29952: FA31216-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).