



Commonwealth of Virginia

Registration No: 61341 **AFS Plant ID:** 800-00121
Plant Name: SPSA - Regional Landfill **Classification:** Major/Potential Major
Address: 1 Bob Foeller Drive **Region:** TRO
Report No: 265720

AIR INSPECTION REPORT

Inspection Date: 02/17/10	Contact Name: Glenda Dodson										
Type: PCE With Site Visit	Contact Phone No: (757)539-9373										
Inspector: David N Sellers	<table style="width: 100%;"> <tr> <td style="width: 50%;"><u>Air Program</u></td> <td style="width: 50%;"><u>Subpart</u></td> </tr> <tr> <td>NSPS</td> <td>WWW</td> </tr> <tr> <td>MACT</td> <td>AAAA</td> </tr> <tr> <td>TITLE V</td> <td></td> </tr> <tr> <td>SIP</td> <td></td> </tr> </table>	<u>Air Program</u>	<u>Subpart</u>	NSPS	WWW	MACT	AAAA	TITLE V		SIP	
<u>Air Program</u>	<u>Subpart</u>										
NSPS	WWW										
MACT	AAAA										
TITLE V											
SIP											
Inspection Result: Out of Compliance											
Reason: Complaint Investigation											

Inspector Comments:

On February 9, 2010, Sean Priest and David Sellers visited the areas around SPSA Landfill to determine odor levels in the area. Wind was from the east-northeast at 2 mph. We drove twice on Nansemond Parkway to Wilroy Road, and on Progress Road, all areas where complaints of objectionable odors have been frequent. A mild level of landfill odor was evident in the area bounded by Wilroy Rd, Nansemond Pkwy, and Progress Rd. We then drove on Rte 17 by John C. Holland Industrial Landfill. No odors were evident there.

On February 12, 2010, Milt Johnston and David Sellers visited neighborhoods adjacent to SPSA Landfill from 6:45 pm to 9:30 pm. Several complaints had been received concerning strong odors on Friday, 2/12, and previously. We drove to Suffolk on US 58 West with wind northeast at 5 mph. Passing the landfill entrance, no odor was evident. As we exited US 58 West to US 58 West Bypass, a strong, objectionable odor was evident at Nansemond Parkway. Odor was light at Wilroy Rd North. The odor plume smelled like landfill gas, and appeared to be narrow, and coming from the direction of Cell VI on the southwest side of the SPSA Landfill property.

We drove around Woodlake, Woodlake North, Cedar Lake, and Beamon's Pond, neighborhoods of residents that complained of frequently strong odors in the last few weeks. Most complaints indicated that periods of very strong odors have been occurring frequently since October, 2009, and have been stronger than any odor events previously associated with the landfill. Landfill odor of minor intensity was evident along Nansemond Parkway between Progress Rd and US 58 Bypass overpass, and on Progress Road. Odor complaints have been received by DEQ from about 40 residents near the landfill since October, 2009.

We visited Mr. Leroy Bennett's house at 2004 Nansemond Parkway. No odor was evident. He called on December 8, 2009, regarding strong odors, and most recently on February 12, 2010. We visited Ms. Wyndall Rogers' house at 222 Equinox Landing. No odor was evident. She had called at 2:49 pm on February 12 saying she has had objectionable odors most nights on her street recently, and had noticed odor around Nansemond Parkway and Progress Rd.

Odors have frequently been reported as a rotten egg-type odor, and strongest in early evening hours (between 6 pm and 11 pm), and early morning hours (between 5 and 7). Other potential



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sources of odor (industrial sources and natural sources) have been investigated, but have not been determined to be significant contributors to the offensive odor.

Mr. Scott Emerson, 228 Holbrook Arch, called February 17, 2010. He said odor has been strong, objectionable, and frequent in his Woodlake North neighborhood recently. He has noticed offensive odor, though not as strong as recently, for a year around Nansemond Parkway between Progress Rd and US 58 Bypass overpass.

Ms Debby Eberhart, 601 Jones St., in Riverview, called February 17, 2010. She notices strong, objectionable odor often when driving on US 58 when winds are generally from the north. Lately she has noticed these odors as far away as her house in the Riverview section of Suffolk which is more than three miles from the landfill.

Mr. Scott Whitehurst, SPSA Landfill Manager, has indicated that they are updating their odor control plan. The plan will be submitted soon to DEQ for review and comment. DEQ will expect that the plan will address options for installing a gas collection system under active Cells VI A and VI B prior to the deadlines specified in federal landfill regulation 40 CFR 60, Subpart WWW. Five years from January 8, 2008 (when Cell VI became active), is prescribed by NSPS and NESHAP Landfill standards as the time by which wells should be operational.

A handwritten signature in black ink that reads "David N. Sellers".

A handwritten signature in black ink that reads "Tony Beallwhite".

Inspector's Electronic Signature**Approval Date:** Feb 22, 2010

Manager's Electronic Signature**Approval Date:** Feb 24, 2010

