Fibertec
environmental
services

Friday, April 25, 2014

Fibertec Project Number:	61509
Project Identification:	PSC-PETRO-CHEM (2) /11013-000191.00
Submittal Date:	04/18/2014

Ms. Kellie Wing
Bureau Veritas North America, Inc.
22345 Roethel Drive
Novi, MI 48375

Dear Ms. Wing,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note samples will be disposed of 30 days after reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

Daryl P. Strandbergh
Laboratory Director

DPS/kc

Enclosures

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-28 (4-5)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**1**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**13:20**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-001A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	24		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-001** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	66	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-28 (4-5)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**1**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**13:20**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-001** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	328	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	66	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	**2500**		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	328	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	**100**		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	66	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	66	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-28 (5-6)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**2**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**13:25**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-002A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	19		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-002** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-28 (5-6)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**2**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**13:25**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-002** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	308	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	308	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-29 (3-4)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**3**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:55**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-003A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**16**		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-003** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-29 (3-4)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**3**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:55**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-003** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	299	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	**62**		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	299	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Analytical Laboratory Report
Laboratory Project Number: 61509
Laboratory Sample Number: 61509-004

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-29 (8-9)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**4**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:00**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-004A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**20**		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-004** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-29 (8-9)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**4**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:00**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-004** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	312	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	312	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	62	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-29 (4-9)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**5**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**10:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-005** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	U		µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-29 (4-9)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**5**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**10:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-005** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	**2.5**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	**1.5**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	U		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-01**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**6**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**10:50**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-006** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	21		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	U		µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-01**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**6**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**10:50**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-006** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	**1.3**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	**3.6**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	U		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-30 (4-5)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**7**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:05**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-007A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**12**		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-007** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	57	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-30 (4-5)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**7**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:05**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-007** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	283	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	57	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	**120**		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	283	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	57	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	57	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-30 (9-10)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**8**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-008A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**20**		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-008** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	63	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-30 (9-10)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**8**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-008** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	313	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	63	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	313	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	63	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	63	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 61509
Laboratory Sample Number: 61509-009

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-30 (5-10)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**9**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**12:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-009** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	U		µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-30 (5-10)**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**9**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**12:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-009** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	U		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	Bureau Veritas North America, Inc.	Sample Description:	Dup-02	Chain of Custody:	129746
Client Project Name:	PSC-PETRO-CHEM (2)	Sample No:	10	Collect Date:	04/17/14
Client Project No:	11013-000191.00	Sample Matrix:	Soil/Solid	Collect Time:	15:15

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-010** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	82	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-02**	Chain of Custody:	**129746**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**10**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-010** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**RB-01**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**11**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**13:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-011** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	U		µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**RB-01**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**11**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**13:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-011** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	U		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**FB-01**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**12**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**13:45**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-012** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	U		µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**FB-01**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**12**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**13:45**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-012** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	U		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 (7-8)**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**13**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:20**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-013A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**26**		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-013** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	68	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 (7-8)**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**13**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:20**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-013** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	251	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	HLS
48. 4-Methyl-2-pentanone	U		µg/kg	339	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	**630**		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	68	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	339	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	68	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	68	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 (11-12)**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**14**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:25**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 61509-014A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**17**		%	0.1	1.0	04/22/14	MC140422	04/23/14	MC140422	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-014** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
3. Benzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
7. Bromoform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
8. Bromomethane	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
10. 2-Butanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
11. n-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
14. Carbon Disulfide	U		µg/kg	50	1.0	04/23/14	VJ14D23B	04/24/14	VJ14D23B	CCD
15. Carbon Tetrachloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
16. Chlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
17. Chloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
18. Chloroform	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
19. Chloromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
21. Dibromochloromethane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
23. Dibromomethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 (11-12)**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**14**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:25**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 61509-014** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 39. ETBE	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
40. Ethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
41. Ethylene Dibromide	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
43. 2-Hexanone	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
46. Methylene Chloride	U		µg/kg	100	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	301	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
49. MTBE	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
50. Naphthalene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
52. Styrene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	301	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
58. Toluene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
64. Trichlorofluoromethane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	60	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH
70. Xylenes	U		µg/kg	150	1.0	04/24/14	VH14D24A	04/24/14	VH14D24A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 (8-13)**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**15**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**14:20**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-015** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	**1100**		µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 (8-13)**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**15**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**14:20**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-015** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	**150**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	**1.4**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	U		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 MS**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**16**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**14:20**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-016** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	**110**		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	**91**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	**94**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	**2200**	E	µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	**97**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	**94**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	**110**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	**120**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	**130**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	**97**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 MS**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**16**	Collect Date:	**04/17/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**14:20**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-016** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	100		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	97		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	120		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	250	E	µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	97		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	120		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	310		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 61509
Laboratory Sample Number: 61509-017

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 MSD**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**17**	Collect Date:	**04/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**14:20**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-017** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	**110**		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	**97**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	**86**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	**90**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	**2300**	E	µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	**98**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	**98**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	**96**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	**91**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	**110**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	**98**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	**120**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	**100**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	**98**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	**97**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	**94**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	**96**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	**100**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	**110**		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	**97**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	**96**		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-31 MSD**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**17**	Collect Date:	**04/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**14:20**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-017** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	100		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	94		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	250	E	µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	100		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	100		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	110		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	110		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	100		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	310		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 61509
Laboratory Sample Number: 61509-018

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Trip Blank**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**18**	Collect Date:	**04/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**18:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-018** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
3. Benzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
4. Bromobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
5. Bromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
6. Bromodichloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
7. Bromoform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
8. Bromomethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
9. t-Butanol	U		µg/L	50	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
11. n-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
12. sec-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
13. tert-Butylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
14. Carbon Disulfide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
16. Chlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
17. Chloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
18. Chloroform	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
19. Chloromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
23. Dibromomethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
37. Diethyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Trip Blank**	Chain of Custody:	**129747**
Client Project Name:	**PSC-PETRO-CHEM (2)**	Sample No:	**18**	Collect Date:	**04/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**18:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 61509-018** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
41. Ethylene Dibromide	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
44. Isopropylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
49. MTBE	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
50. Naphthalene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
51. n-Propylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
52. Styrene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 53. TAME	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
56. Tetrachloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
58. Toluene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
63. Trichloroethene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
69. Vinyl Chloride	U		µg/L	1.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL
70. Xylenes	U		µg/L	3.0	1.0	04/24/14	VB14D24A	04/24/14	VB14D24A	JPL

Definitions/ Qualifiers:

- **A:** Spike recovery or precision unusable due to dilution.
- **B:** The analyte was detected in the associated method blank.
- **E:** The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
- **J:** The concentration is an estimated value.
- **M:** Modified Method
- **U:** The analyte was not detected at or above the reporting limit.
- **X:** Matrix Interference has resulted in a raised reporting limit or distorted result.
- **W:** Results reported on a wet-weight basis.
- ***:** Value reported is outside QA limits

Exception Summary:

Accreditation Number(s):

E-10395 (KS)

T104704518-13-1 (TX)

Fibertec environmental services

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1914 Holloway Drive
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Fax: 517 699 0382
email: asbestos@fibertec.us

Geoprobe
11766 E. Grand River
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 129746

Client Name: BURGAN VEGETTAS NORTH AMERICA
Contact Person: KELLIE WING
Project Name/ Number: PSC - PETRO - CHEM 11013-000191.00
QUOTE#
Purchase Order#

Tumaround: [ ] 24 hour RUSH (surcharge applies) [ ] 48 hour RUSH (surcharge applies) [ ] 72 hour RUSH (surcharge applies) [X] Standard (5-7 bus. days) [ ] Other: Specify

Matrix Code: S Soil, A Air, O Oil, P Wipe, GW Ground Water, SW Surface Water, WW Waste Water, X Other: Specify

[ ] FES Drilling Services

Deliverables: [ ] Level 2 [ ] Level 3 [ ] Level 4 [ ] EDD

Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	PARAMETERS: VOCs 8260B	Remarks
	04/17/14	1320		BSB-28 (4-5)	S	3	Y	X	
		1325		BSB-28 (5-6)	S	3	Y	X	
		1455		BSB-29 (3-4)	S	3	Y	X	
		1500		BSB-29 (8-9)	S	3	Y	X	
		1030		BSB-29 (4-9)	GW	3	Y	X	
		1050		DUP-01	GW	3	Y	X	
		1505		BSB-30 (4-5)	S	3	Y	X	
		1510		BSB-30 (9-10)	S	3	Y	X	
		1205		BSB-30 (5-10)	GW	3	Y	X	
		1515		DUP-02	S	3	Y	X	

Comments: MPCA OP MEMO & REVISED LODS

Relinquished By:	Date/ Time	Received By:
[signature]	04/17/14 1740	[signature] 4/18/14 10:20
[signature]	4/18/14 2:33	[signature]
	Date/ Time	Received By Laboratory:

LAB USE ONLY:
Fibertec project number: 61509
Laboratory Tracking:
Temperature at Receipt:

RCV'D ON ICE 3.5°C

COC Revision: February, 2013

TERMS & CONDITIONS ON BACK

Fibertec environmental services

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Geoprobe
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Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 129747

PAGE 2 of 2

Client Name: BURGEAU VERITAS NORTH AMERICA

Contact Person: KALLE LUNG

Project Name/ Number: PSC-PEPLO-CHEM 11013-000191.00

QUOTE#

Purchase Order#

Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	VOCs 8260B
	04/17/14	1330		RB-01	GW	3	Y	X
		1345		FB-01	GW	3	Y	X
		1530		BSB-31 (7-8)	S	3	Y	X
		1525		BSB-31 (11-12)	S	3	Y	X
		1420		BSB-31 (8-13)	GW	3	Y	X
		1420		BSB-31 MS/MSD	GW	6	Y	X
	04/16/14	1830		TB-01	GW	2	Y	X

PARAMETERS

Turnaround
- 24 hour RUSH (surcharge applies)
- 48 hour RUSH (surcharge applies)
- 72 hour RUSH (surcharge applies)
- X Standard (5-7 bus. days)
- Other: Specify

Remarks:

Matrix Code
- S Soil
- A Air
- O Oil
- P Wipe
- GW Ground Water
- SW Surface Water
- WW Waste Water
- X Other: Specify

☐ FES Drilling Services

Deliverables
- ☐ Level 2
- ☐ Level 3
- ☐ Level 4
- ☐ EDD

Comments: MDEQ OP Memo 8 Revised LOQs

Relinquished By:	Date/ Time	Received By:
[signature]	04/17/14 17:40	[signature] 4/18/14 10:20
[signature]	4/18/14 2:33	[signature]

Relinquished By: / Date/ Time / Received By Laboratory:

LAB USE ONLY:
Fibertec project number:
Laboratory Tracking:
Temperature at Receipt:

COC Revision: February, 2013

TERMS & CONDITIONS ON BACK

Fibertec environmental services

Quality Control Report
Preparation Batch QC Summary
Gas Chromatography - Mass Spectrometry (Volatiles)
Aqueous

Preparation Batch: VB14D24A **Preparation Date:** 04/24/14

	Method Blank (MB)			Laboratory Control Sample (LCS)					LCS Duplicate (LCD)				Run Code		
Parameter	Result µg/L	PQL µg/L	Q	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q	Rec. %	RPD %	UCL %	Q	MB	LCS	LCD
1. Acetone	U	5.00		132	100	132	50 - 136		128	3	20		MB-1	LCS-1	LCD-1
2. Acrylonitrile	U	1.00		102	100	102	66 - 135		101	1	20		MB-1	LCS-1	LCD-1
3. Benzene	U	0.500		98.1	100	98	70 - 130		97	1	20		MB-1	LCS-1	LCD-1
4. Bromobenzene	U	1.00		97.5	100	97	70 - 130		96	1	20		MB-1	LCS-1	LCD-1
5. Bromochloromethane	U	1.00		86.8	100	87	61 - 130		87	0	20		MB-1	LCS-1	LCD-1
6. Bromodichloromethane	U	1.00		103	100	103	70 - 130		104	1	20		MB-1	LCS-1	LCD-1
7. Bromoform	U	1.00		112	100	112	65 - 145		113	1	20		MB-1	LCS-1	LCD-1
8. Bromomethane	U	5.00		86.3	100	86	52 - 150		87	1	20		MB-1	LCS-1	LCD-1
9. t-Butanol	U	5.00		1,075	1,000	108	50 - 150		106	2	20		MB-1	LCS-1	LCD-1
10. 2-Butanone	U	5.00		130	100	130	59 - 130		126	3	20		MB-1	LCS-1	LCD-1
11. n-Butylbenzene	U	1.00		108	100	108	70 - 138		106	2	20		MB-1	LCS-1	LCD-1
12. sec-Butylbenzene	U	0.500		105	100	105	70 - 130		104	1	20		MB-1	LCS-1	LCD-1
13. tert-Butylbenzene	U	0.500		104	100	104	70 - 130		103	1	20		MB-1	LCS-1	LCD-1
14. Carbon Disulfide	U	1.00		92.9	100	93	70 - 130		91	2	20		MB-1	LCS-1	LCD-1
15. Carbon Tetrachloride	U	1.00		104	100	104	70 - 133		103	1	20		MB-1	LCS-1	LCD-1
16. Chlorobenzene	U	1.00		101	100	101	70 - 130		100	1	20		MB-1	LCS-1	LCD-1
17. Chloroethane	U	1.00		92.6	100	93	53 - 136		93	0	20		MB-1	LCS-1	LCD-1
18. Chloroform	U	0.500		99.9	100	100	78 - 121		99	1	20		MB-1	LCS-1	LCD-1
19. Chloromethane	U	1.00		87.9	100	88	50 - 148		86	2	20		MB-1	LCS-1	LCD-1
20. 2-Chlorotoluene	U	0.500		99.5	100	100	70 - 130		97	3	20		MB-1	LCS-1	LCD-1
21. Cyclohexane	U	0.500		97.2	100	97	66 - 136		96	1	20		MB-1	LCS-1	LCD-1
22. Dibromochloromethane	U	1.00		106	100	106	70 - 130		107	1	20		MB-1	LCS-1	LCD-1
23. 1,2-Dibromo-3-chloropropane (SIM)	U	0.500		113	100	113	70 - 137		113	0	20		MB-1	LCS-1	LCD-1
24. Dibromomethane	U	1.00		102	100	102	70 - 130		102	0	20		MB-1	LCS-1	LCD-1
25. 1,2-Dichlorobenzene	U	1.00		102	100	102	70 - 130		102	0	20		MB-1	LCS-1	LCD-1
26. 1,3-Dichlorobenzene	U	1.00		101	100	101	70 - 130		100	1	20		MB-1	LCS-1	LCD-1
27. 1,4-Dichlorobenzene	U	1.00		97.9	100	98	70 - 130		97	1	20		MB-1	LCS-1	LCD-1
28. trans-1,4-Dichloro-2-butene (SIM)	U	1.00		121	100	121	70 - 133		119	2	20		MB-1	LCS-1	LCD-1
29. Dichlorodifluoromethane	U	0.500		92.8	100	93	70 - 139		93	0	20		MB-1	LCS-1	LCD-1
30. 1,1-Dichloroethane	U	0.500		96.4	100	96	70 - 130		93	3	20		MB-1	LCS-1	LCD-1
31. 1,2-Dichloroethane	U	1.00		97.6	100	98	70 - 130		99	1	20		MB-1	LCS-1	LCD-1
32. 1,1-Dichloroethene	U	0.500		96.1	100	96	72 - 126		94	2	20		MB-1	LCS-1	LCD-1
33. cis-1,2-Dichloroethene	U	0.500		91.1	100	91	70 - 130		92	1	20		MB-1	LCS-1	LCD-1
34. trans-1,2-Dichloroethene	U	0.500		93.4	100	93	70 - 130		92	1	20		MB-1	LCS-1	LCD-1
35. 1,2-Dichloropropane	U	1.00		99.4	100	99	79 - 125		100	1	20		MB-1	LCS-1	LCD-1
36. 1,3-Dichloropropane	U	0.500		100	100	100	70 - 130		99	1	20		MB-1	LCS-1	LCD-1
37. 2,2-Dichloropropane	U	1.00		123	100	123	64 - 150		120	2	20		MB-1	LCS-1	LCD-1
38. 1,1-Dichloropropene	U	1.00		101	100	101	70 - 130		99	2	20		MB-1	LCS-1	LCD-1
39. cis-1,3-Dichloropropene	U	1.00		106	100	106	70 - 131		106	0	20		MB-1	LCS-1	LCD-1
40. trans-1,3-Dichloropropene	U	1.00		106	100	106	70 - 130		108	2	20		MB-1	LCS-1	LCD-1
41. Diethyl Ether	U	1.00		101	100	101	70 - 130		100	1	20		MB-1	LCS-1	LCD-1
42. Diisopropyl Ether	U	1.00		96.2	100	96	64 - 135		96	0	20		MB-1	LCS-1	LCD-1
43. ETBE	U	1.00		102	100	102	70 - 130		102	0	20		MB-1	LCS-1	LCD-1
44. Ethylbenzene	U	0.500		101	100	101	80 - 122		100	1	20		MB-1	LCS-1	LCD-1
45. Ethylene Dibromide	U	1.00		104	100	104	70 - 130		103	1	20		MB-1	LCS-1	LCD-1
46. Hexachlorobutadiene	U	2.00		113	100	113	70 - 139		107	5	20		MB-1	LCS-1	LCD-1
47. Hexachloroethane	U	1.00		106	100	106	70 - 134		105	1	20		MB-1	LCS-1	LCD-1
48. 2-Hexanone	U	2.00		122	100	122	62 - 130		117	4	20		MB-1	LCS-1	LCD-1
49. Isopropylbenzene	U	0.500		106	100	106	70 - 130		105	1	20		MB-1	LCS-1	LCD-1
50. 4-Isopropyltoluene	U	0.500		108	100	108	70 - 131		106	2	20		MB-1	LCS-1	LCD-1
51. Methyl Iodide	U	2.00		97.9	100	98	50 - 150		98	0	20		MB-1	LCS-1	LCD-1

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Quality Control Report
Preparation Batch QC Summary
Gas Chromatography - Mass Spectrometry (Volatiles)
Aqueous

Preparation Batch: VB14D24A **Preparation Date: 04/24/14**

Parameter	Method Blank (MB) Result µg/L	PQL µg/L	Q	Laboratory Control Sample (LCS) Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q	LCS Duplicate (LCD) Rec. %	RPD %	UCL %	Q	Run Code MB	LCS	LCD
52. Methylene Chloride	U	2.00		91.9	100	92	63 - 130		93	1	20		MB-1	LCS-1	LCD-1
53. 2-Methylnaphthalene	1.04	1.00	*	113	100	113	50 - 149		111	2	20		MB-1	LCS-1	LCD-1
54. 4-Methyl-2-pentanone	U	2.00		108	100	108	67 - 134		107	1	20		MB-1	LCS-1	LCD-1
55. MTBE	U	0.500		105	100	105	70 - 130		105	0	20		MB-1	LCS-1	LCD-1
56. Naphthalene	U	1.00		111	100	111	70 - 130		108	3	20		MB-1	LCS-1	LCD-1
57. n-Propylbenzene	U	0.500		101	100	101	70 - 130		100	1	20		MB-1	LCS-1	LCD-1
58. Styrene	U	0.500		105	100	105	70 - 135		103	2	20		MB-1	LCS-1	LCD-1
59. TAME	U	2.00		104	100	104	67 - 132		104	0	20		MB-1	LCS-1	LCD-1
60. 1,1,1,2-Tetrachloroethane	U	1.00		109	100	109	70 - 130		107	2	20		MB-1	LCS-1	LCD-1
61. 1,1,2,2-Tetrachloroethane	U	1.00		101	100	101	70 - 130		100	1	20		MB-1	LCS-1	LCD-1
62. Tetrachloroethene	U	0.500		104	100	104	70 - 130		102	2	20		MB-1	LCS-1	LCD-1
63. Tetrahydrofuran	U	2.00		96.4	100	96	50 - 130		96	0	20		MB-1	LCS-1	LCD-1
64. Toluene	U	0.500		99.3	100	99	80 - 120		98	1	20		MB-1	LCS-1	LCD-1
65. 1,2,3-Trichlorobenzene	U	1.00		108	100	108	70 - 130		106	2	20		MB-1	LCS-1	LCD-1
66. 1,2,4-Trichlorobenzene	U	1.00		106	100	106	70 - 130		104	2	20		MB-1	LCS-1	LCD-1
67. 1,1,1-Trichloroethane	U	1.00		102	100	102	70 - 130		103	1	20		MB-1	LCS-1	LCD-1
68. 1,1,2-Trichloroethane	U	1.00		102	100	102	70 - 130		102	0	20		MB-1	LCS-1	LCD-1
69. Trichloroethene	U	0.500		102	100	102	71 - 130		102	0	20		MB-1	LCS-1	LCD-1
70. Trichlorofluoromethane	U	0.500		104	100	104	69 - 131		101	3	20		MB-1	LCS-1	LCD-1
71. 1,2,3-Trichloropropane	U	1.00		102	100	102	70 - 130		102	0	20		MB-1	LCS-1	LCD-1
72. 1,2,3-Trimethylbenzene	U	0.500		99.5	100	100	70 - 130		99	1	20		MB-1	LCS-1	LCD-1
73. 1,2,4-Trimethylbenzene	U	0.500		103	100	103	70 - 130		102	1	20		MB-1	LCS-1	LCD-1
74. 1,3,5-Trimethylbenzene	U	0.500		103	100	103	70 - 130		102	1	20		MB-1	LCS-1	LCD-1
75. Vinyl Chloride	U	0.500		94.3	100	94	73 - 125		93	1	20		MB-1	LCS-1	LCD-1
76. m&p-Xylene	U	1.00		201	200	101	70 - 130		99	2	20		MB-1	LCS-1	LCD-1
77. o-Xylene	U	0.500		102	100	102	70 - 130		101	1	20		MB-1	LCS-1	LCD-1

System Monitoring Compounds (Surrogates):	Method Blank (MB) Result µg/L	Spike µg/L	Rec. %	Q	Laboratory Control Sample (LCS) Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q	LCS Duplicate (LCD) Rec. %	RPD %	UCL %	Q	Run Code MB	LCS	LCD
1. Dibromofluoromethane(S)	49.8	50.0	100		50.0	50.0	100	80 - 120		96	4	20		MB-1	LCS-1	LCD-1
2. 1,2-Dichloroethane-d4(S)	48.7	50.0	97		47.1	50.0	94	80 - 120		96	2	20		MB-1	LCS-1	LCD-1
3. Toluene-d8(S)	50.0	50.0	100		49.8	50.0	100	80 - 122		98	2	20		MB-1	LCS-1	LCD-1
4. 4-Bromofluorobenzene(S)	49.3	50.0	99		50.3	50.0	101	80 - 120		99	2	20		MB-1	LCS-1	LCD-1

Definitions/ Qualifiers:

U: The analyte was not detected at or above the PQL.
*: Value reported is outside QC limits

Run Code (Analysis Sequence/Run Time):

MB-1	VB14D24A	04/24/14 12:53
LCS-1	VB14D24A	04/24/14 10:32
LCD-1	VB14D24A	04/24/14 10:58

Exception Summary:

Exceptions have been properly noted on reported results or affected samples have been scheduled for reanalysis when appropriate.

Report Generated By:

Jeffrey LeClair
Chemist, Volatile Organics
Friday, April 25, 2014
9:53:35 AM

Fibertec environmental services

OK 04-24-15

Quality Control Report
Preparation Batch QC Summary
Gas Chromatography - Mass Spectrometry (Volatiles)
Soil/Solid

Batch ID: VH14D24A
Page: 1 of 2
Date: 04/25/14

Preparation Batch: VH14D24A **Preparation Date:** 04/24/14

Parameter	Method Blank (MB) Result µg/kg	PQL µg/kg	Q	Laboratory Control Sample (LCS) Result µg/kg	Spike µg/kg	Rec. %	LCL - UCL %	Q	LCS Duplicate (LCD) Rec. %	RPD %	UCL %	Q	Run Code MB	LCS	LCD
1. Acetone	U	500		4,716	5,000	94	50 - 145		84	11	20		MB-1	LCS-1	LCD-1
2. Acrylonitrile	U	50.0		5,565	5,000	111	66 - 139		116	4	20		MB-1	LCS-1	LCD-1
3. Benzene	U	25.0		5,010	5,000	100	70 - 130		99	1	20		MB-1	LCS-1	LCD-1
4. Bromobenzene	U	25.0		5,025	5,000	101	70 - 130		102	1	20		MB-1	LCS-1	LCD-1
5. Bromochloromethane	U	25.0		4,921	5,000	98	62 - 134		96	2	20		MB-1	LCS-1	LCD-1
6. Bromodichloromethane	U	25.0		5,300	5,000	106	70 - 130		105	1	20		MB-1	LCS-1	LCD-1
7. Bromoform	U	25.0		5,795	5,000	116	70 - 130		114	2	20		MB-1	LCS-1	LCD-1
8. Bromomethane	U	100		4,927	5,000	99	56 - 135		98	1	20		MB-1	LCS-1	LCD-1
9. 1-Butanol	U	250		53,700	50,000	107	50 - 150		112	5	20		MB-1	LCS-1	LCD-1
10. 2-Butanone	U	100		5,245	5,000	105	56 - 141		98	7	20		MB-1	LCS-1	LCD-1
11. n-Butylbenzene	26.9	25.0	*	5,495	5,000	110	70 - 141		109	1	20		MB-1	LCS-1	LCD-1
12. sec-Butylbenzene	U	25.0		5,600	5,000	112	70 - 130		112	0	20		MB-1	LCS-1	LCD-1
13. tert-Butylbenzene	U	25.0		5,660	5,000	113	70 - 130		114	1	20		MB-1	LCS-1	LCD-1
14. Carbon Disulfide	U	100		5,520	5,000	110	70 - 132		110	0	20		MB-1	LCS-1	LCD-1
15. Carbon Tetrachloride	U	25.0		5,325	5,000	107	70 - 143		105	2	20		MB-1	LCS-1	LCD-1
16. Chlorobenzene	U	25.0		4,918	5,000	98	70 - 130		97	1	20		MB-1	LCS-1	LCD-1
17. Chloroethane	U	100		5,625	5,000	113	60 - 150		107	5	20		MB-1	LCS-1	LCD-1
18. Chloroform	U	25.0		4,898	5,000	98	71 - 126		97	1	20		MB-1	LCS-1	LCD-1
19. Chloromethane	U	100		5,045	5,000	101	63 - 137		101	0	20		MB-1	LCS-1	LCD-1
20. 2-Chlorotoluene	U	25.0		5,315	5,000	106	70 - 130		106	0	20		MB-1	LCS-1	LCD-1
21. Cyclohexane	U	25.0		5,165	5,000	103	69 - 148		102	1	20		MB-1	LCS-1	LCD-1
22. Dibromochloromethane	U	25.0		5,450	5,000	109	70 - 130		108	1	20		MB-1	LCS-1	LCD-1
23. 1,2-Dibromo-3-chloropropane (SIM)	U	50.0		6,080	5,000	122	70 - 134		120	2	20		MB-1	LCS-1	LCD-1
24. Dibromomethane	U	25.0		5,150	5,000	103	70 - 130		103	0	20		MB-1	LCS-1	LCD-1
25. 1,2-Dichlorobenzene	U	25.0		5,145	5,000	103	70 - 130		102	1	20		MB-1	LCS-1	LCD-1
26. 1,3-Dichlorobenzene	U	25.0		5,125	5,000	103	70 - 130		102	1	20		MB-1	LCS-1	LCD-1
27. 1,4-Dichlorobenzene	U	25.0		5,370	5,000	107	70 - 130		106	1	20		MB-1	LCS-1	LCD-1
28. trans-1,4-Dichloro-2-butene (SIM)	U	25.0		6,220	5,000	124	70 - 150		124	0	20		MB-1	LCS-1	LCD-1
29. Dichlorodifluoromethane	U	100		5,285	5,000	105	70 - 144		106	1	20		MB-1	LCS-1	LCD-1
30. 1,1-Dichloroethane	U	25.0		4,975	5,000	99	70 - 130		99	0	20		MB-1	LCS-1	LCD-1
31. 1,2-Dichloroethane	U	25.0		4,782	5,000	96	69 - 130		95	1	20		MB-1	LCS-1	LCD-1
32. 1,1-Dichloroethene	U	25.0		4,993	5,000	100	72 - 131		102	2	20		MB-1	LCS-1	LCD-1
33. cis-1,2-Dichloroethene	U	25.0		5,015	5,000	100	70 - 131		100	0	20		MB-1	LCS-1	LCD-1
34. trans-1,2-Dichloroethene	U	25.0		4,876	5,000	98	70 - 131		97	1	20		MB-1	LCS-1	LCD-1
35. 1,2-Dichloropropane	U	25.0		4,930	5,000	99	80 - 127		99	0	20		MB-1	LCS-1	LCD-1
36. 1,3-Dichloropropane	U	25.0		5,245	5,000	105	70 - 130		104	1	20		MB-1	LCS-1	LCD-1
37. 2,2-Dichloropropane	U	25.0		5,485	5,000	110	65 - 166		109	1	20		MB-1	LCS-1	LCD-1
38. 1,1-Dichloropropene	U	25.0		5,105	5,000	102	70 - 135		101	1	20		MB-1	LCS-1	LCD-1
39. cis-1,3-Dichloropropene	U	25.0		5,895	5,000	118	70 - 131		117	1	20		MB-1	LCS-1	LCD-1
40. trans-1,3-Dichloropropene	U	25.0		5,025	5,000	101	70 - 132		102	1	20		MB-1	LCS-1	LCD-1
41. Diethyl Ether	U	100		5,170	5,000	103	52 - 150		101	2	20		MB-1	LCS-1	LCD-1
42. Diisopropyl Ether	U	25.0		5,490	5,000	110	61 - 150		109	1	20		MB-1	LCS-1	LCD-1
43. ETBE	U	25.0		5,295	5,000	106	65 - 146		108	2	20		MB-1	LCS-1	LCD-1
44. Ethylbenzene	U	25.0		5,330	5,000	107	80 - 120		106	1	20		MB-1	LCS-1	LCD-1
45. Ethylene Dibromide	U	25.0		5,130	5,000	103	70 - 130		102	1	20		MB-1	LCS-1	LCD-1
46. Hexachlorobutadiene	U	100		5,435	5,000	109	77 - 137		108	1	20		MB-1	LCS-1	LCD-1
47. Hexachloroethane	U	100		5,835	5,000	117	70 - 135		114	3	20		MB-1	LCS-1	LCD-1
48. 2-Hexanone	U	100		5,400	5,000	108	68 - 138		105	3	20		MB-1	LCS-1	LCD-1
49. Isopropylbenzene	U	25.0		5,640	5,000	113	70 - 130		112	1	20		MB-1	LCS-1	LCD-1
50. 4-Isopropyltoluene	U	25.0		5,620	5,000	112	70 - 131		112	0	20		MB-1	LCS-1	LCD-1
51. Methylene Chloride	U	25.0		4,863	5,000	97	62 - 130		96	1	20		MB-1	LCS-1	LCD-1

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Fibertec environmental services

Quality Control Report
Preparation Batch QC Summary
Gas Chromatography - Mass Spectrometry (Volatiles)
Soil/Solid

Preparation Batch: VH14D24A **Preparation Date:** 04/24/14

Parameter	Method Blank (MB) Result µg/kg	PQL µg/kg	Q	Laboratory Control Sample (LCS) Result µg/kg	Spike µg/kg	Rec. %	LCL - UCL %	Q	LCS Duplicate (LCD) Rec. %	RPD %	UCL %	Q	Run Code MB	LCS	LCD
52. 2-Methylnaphthalene	114	100	*	6,125	5,000	123	51 - 149		126	2	20		MB-1	LCS-1	LCD-1
53. 4-Methyl-2-pentanone	U	250		5,680	5,000	114	70 - 133		115	1	20		MB-1	LCS-1	LCD-1
54. MTBE	U	25.0		5,125	5,000	103	61 - 142		103	0	20		MB-1	LCS-1	LCD-1
55. Naphthalene	33.9	25.0	*	5,710	5,000	114	70 - 136		116	2	20		MB-1	LCS-1	LCD-1
56. n-Propylbenzene	U	25.0		5,465	5,000	109	70 - 130		109	0	20		MB-1	LCS-1	LCD-1
57. Styrene	U	25.0		5,775	5,000	116	70 - 130		115	1	20		MB-1	LCS-1	LCD-1
58. TAME	U	100		5,330	5,000	107	64 - 137		108	1	20		MB-1	LCS-1	LCD-1
59. 1,1,1,2-Tetrachloroethane	U	25.0		5,330	5,000	107	70 - 130		105	2	20		MB-1	LCS-1	LCD-1
60. 1,1,2,2-Tetrachloroethane	U	50.0		5,180	5,000	104	70 - 130		101	3	20		MB-1	LCS-1	LCD-1
61. Tetrachloroethene	U	25.0		4,907	5,000	98	70 - 130		99	1	20		MB-1	LCS-1	LCD-1
62. Tetrahydrofuran	U	250		5,275	5,000	106	53 - 130		105	1	20		MB-1	LCS-1	LCD-1
63. Toluene	U	25.0		5,045	5,000	101	79 - 120		101	0	20		MB-1	LCS-1	LCD-1
64. 1,2,3-Trichlorobenzene	U	100		5,660	5,000	113	70 - 130		113	0	20		MB-1	LCS-1	LCD-1
65. 1,2,4-Trichlorobenzene	U	100		5,675	5,000	114	70 - 133		114	0	20		MB-1	LCS-1	LCD-
66. 1,1,1-Trichloroethane	U	25.0		5,075	5,000	102	70 - 130		100	2	20		MB-1	LCS-1	LCD-1
67. 1,1,2-Trichloroethane	U	25.0		5,185	5,000	104	70 - 130		104	0	20		MB-1	LCS-1	LCD-1
68. Trichloroethene	U	25.0		4,987	5,000	100	70 - 130		100	0	20		MB-1	LCS-1	LCD-1
69. Trichlorofluoromethane	U	50.0		4,921	5,000	98	50 - 150		102	4	20		MB-1	LCS-1	LCD-
70. 1,2,3-Trichloropropane	U	50.0		5,215	5,000	104	70 - 130		104	0	20		MB-1	LCS-1	LCD-
71. 1,2,3-Trimethylbenzene	U	25.0		5,415	5,000	108	70 - 130		107	1	20		MB-1	LCS-1	LCD-1
72. 1,2,4-Trimethylbenzene	U	25.0		5,635	5,000	113	70 - 130		113	0	20		MB-1	LCS-1	LCD-1
73. 1,3,5-Trimethylbenzene	U	25.0		5,660	5,000	113	70 - 130		112	1	20		MB-1	LCS-1	LCD-
74. Vinyl Chloride	U	25.0		4,912	5,000	98	70 - 137		98	0	20		MB-1	LCS-1	LCD-
75. m&p-Xylene	U	50.0		10,985	10,000	110	70 - 130		109	1	20		MB-1	LCS-1	LCD-1
76. o-Xylene	U	25.0		5,545	5,000	111	70 - 130		111	0	20		MB-1	LCS-1	LCD-1

System Monitoring Compounds (Surrogates):	Method Blank (MB) Result µg/kg	Spike µg/kg	Rec. %	Q	Laboratory Control Sample (LCS) Result µg/kg	Spike µg/kg	Rec. %	LCL - UCL %	Q	LCS Duplicate (LCD) Rec. %	RPD %	UCL %	Q	Run Code MB	LCS	LCD
1. Dibromofluoromethane(S)	4,905	5,000	98		4,979	5,000	100	77 - 120		99	1	20		MB-1	LCS-1	LCD-
2. 1,2-Dichloroethane-d4(S)	4,961	5,000	99		4,867	5,000	97	65 - 131		97	0	20		MB-1	LCS-1	LCD-
3. Toluene-d8(S)	4,993	5,000	100		4,944	5,000	99	75 - 121		100	1	20		MB-1	LCS-1	LCD-
4. 4-Bromofluorobenzene(S)	5,120	5,000	102		4,903	5,000	98	80 - 120		98	0	20		MB-1	LCS-1	LCD-1

Definitions/ Qualifiers:

U: The analyte was not detected at or above the PQL.
*: Value reported is outside QC limits

Run Code (Analysis Sequence/Run Time):

MB-1	VH14D24A	04/24/14 18:21
LCS-1	VH14D24A	04/24/14 15:53
LCD-1	VH14D24A	04/24/14 16:20

Exception Summary:

Exceptions have been properly noted on reported results or affected samples have been scheduled for reanalysis when appropriate.

Report Generated By:

Douglas Holmes
Vice President
Friday, April 25, 2014
9:21:22 AM

1914 Holloway Drive — Holt, MI 48842 — T: (517) 699-0345 — F: (517) 699-0388
11766 E. Grand River — Brighton, MI 48116 — T: (810) 220-3300 — F: (810) 220-3311
8660 S. Mackinaw Trail — Cadillac, MI 49601 — T: (231) 775-8368 — F: (231) 775-8584
lab@fibertec.us

Fibertec
environmental
services

Monday, October 06, 2014

Fibertec Project Number:	64284
Project Identification:	11013-000191.00 /11013-000191.00
Submittal Date:	09/19/2014

Ms. Kellie Wing
Bureau Veritas North America, Inc.
22345 Roethel Drive
Novi, MI 48375

Dear Ms. Wing,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 14 days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

Daryl P. Strandbergh
Laboratory Director

DPS/cdh

Enclosures

Client Identification:	Bureau Veritas North America, Inc.	Sample Description:	BSB-32 (2-4')	Chain of Custody:	134002
Client Project Name:	11013-000191.00	Sample No:	1	Collect Date:	09/18/14
Client Project No:	11013-000191.00	Sample Matrix:	Soil/Solid	Collect Time:	10:19

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-001** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	11		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-001A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	110	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	DAR
11. n-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	56	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	56	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	56	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	280	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
21. Dibromochloromethane	U		µg/kg	110	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	56	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	110	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-32 (2-4')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**1**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:19**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-001A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
40. Ethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	56	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	280	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	56	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	280	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
58. Toluene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	56	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-32 (2-4')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**1**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:19**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-001A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-002

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-32 (10-12')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**2**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:19**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-002** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	23		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-002A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	130	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	DAR
11. n-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	65	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	65	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	65	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	320	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
21. Dibromochloromethane	U		µg/kg	130	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	65	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	130	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-32 (10-12')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**2**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:19**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-002A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
40. Ethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	65	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	320	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	65	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	320	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
58. Toluene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VH14I24A	09/24/14	VH14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	65	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-32 (10-12')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**2**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:19**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-002A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-003

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 (2-4')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	3	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:48**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-003** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**8.5**		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-003A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	110	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	DAR
11. n-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	55	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	55	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	55	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	270	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
21. Dibromochloromethane	U		µg/kg	110	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	55	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	110	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 (2-4')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**3**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:48**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-003A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
40. Ethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	55	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	270	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	55	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	270	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
58. Toluene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	55	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-003

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 (2-4')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**3**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:48**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-003A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

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Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-004

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 (8-10')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**4**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:49**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-004** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	33		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-004A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	DAR
11. n-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	74	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	74	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	74	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	370	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
21. Dibromochloromethane	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	74	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 (8-10')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**4**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:49**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-004A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
40. Ethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	74	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	370	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	74	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	370	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
58. Toluene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	74	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-004

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 (8-10')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**4**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:49**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-004A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
71. o-Xylene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34 (3-5')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**5**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:57**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-005** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**16**		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-005A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	120	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	DAR
11. n-Butylbenzene	**130**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	300	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
21. Dibromochloromethane	U		µg/kg	120	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34 (3-5')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**5**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:57**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-005A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
40. Ethylbenzene	**60**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	300	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	**410**		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	**92**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	300	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
58. Toluene	**59**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	**140**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	**470**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	**86**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	**300**		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34 (3-5')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**5**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:57**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-005A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	**120**		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	**420**		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34 (8-10')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**6**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-006** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**49**		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-006A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	DAR
11. n-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	98	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	98	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	98	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	490	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
21. Dibromochloromethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	98	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34 (8-10')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**6**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-006A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
40. Ethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	98	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	490	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	98	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	490	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
58. Toluene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	98	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34 (8-10')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**6**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-006A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	Bureau Veritas North America, Inc.	Sample Description:	BSB-35 (2-4')	Chain of Custody:	134002
Client Project Name:	11013-000191.00	Sample No:	7	Collect Date:	09/18/14
Client Project No:	11013-000191.00	Sample Matrix:	Soil/Solid	Collect Time:	12:49

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-007** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	17		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-007A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	120	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	DAR
11. n-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	300	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
21. Dibromochloromethane	U		µg/kg	120	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-35 (2-4')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**7**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:49**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-007A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
40. Ethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	300	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	300	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
58. Toluene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	60	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-35 (2-4')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**7**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:49**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-007A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-35 (6-8')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**8**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:52**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-008** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	39		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-008A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
7. Bromoform	U		µg/kg	160	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	DAR
11. n-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
14. Carbon Disulfide	U		µg/kg	82	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
15. Carbon Tetrachloride	U		µg/kg	82	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
16. Chlorobenzene	U		µg/kg	82	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
17. Chloroethane	U		µg/kg	410	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
21. Dibromochloromethane	U		µg/kg	160	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
23. Dibromomethane	U		µg/kg	82	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	160	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-35 (6-8')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**8**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:52**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-008A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
40. Ethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
41. Ethylene Dibromide	U		µg/kg	82	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
45. 4-Isopropyltoluene	U		µg/kg	50	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	410	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
50. Naphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
51. n-Propylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	82	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	410	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
58. Toluene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/24/14	VL14I24A	09/24/14	VL14I24A	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	82	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
‡ 66. 1,2,3-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
67. 1,2,4-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
68. 1,3,5-Trimethylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
70. m&p-Xylene	U		µg/kg	100	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-35 (6-8')**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**8**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:52**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-008A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	U		µg/kg	50	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH
72. Xylenes	U		µg/kg	150	1.0	09/23/14	VH14I23A	09/23/14	VH14I23A	CDH

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-009

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-03**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**9**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:57**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 64284-009** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**18**		%	0.1	1.0	09/23/14	MC140923	09/24/14	MC140923	BMG

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-009A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/kg	1000	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 2. Acrylonitrile	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
3. Benzene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
4. Bromobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
5. Bromochloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
6. Bromodichloromethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
7. Bromoform	U		µg/kg	120	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
8. Bromomethane	U		µg/kg	200	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
9. t-Butanol	U		µg/kg	2500	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
10. 2-Butanone	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
11. n-Butylbenzene	**170**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
12. sec-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
13. tert-Butylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
14. Carbon Disulfide	U		µg/kg	61	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
15. Carbon Tetrachloride	U		µg/kg	61	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
16. Chlorobenzene	U		µg/kg	61	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
17. Chloroethane	U		µg/kg	300	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
18. Chloroform	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
19. Chloromethane	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 20. Cyclohexane	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
21. Dibromochloromethane	U		µg/kg	120	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
23. Dibromomethane	U		µg/kg	61	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
24. 1,2-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
25. 1,3-Dichlorobenzene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
26. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
28. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
29. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
30. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
31. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
32. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-03**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**9**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:57**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-009A** **Matrix: Soil/Solid**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
33. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
34. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
35. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
36. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
37. Diethyl Ether	U		µg/kg	200	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
‡ 38. Diisopropyl Ether	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
‡ 39. ETBE	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
40. Ethylbenzene	**120**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
41. Ethylene Dibromide	U		µg/kg	61	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 42. Hexachloroethane	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
43. 2-Hexanone	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
44. Isopropylbenzene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
45. 4-Isopropyltoluene	**56**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
46. Methylene Chloride	U		µg/kg	100	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 47. 2-Methylnaphthalene	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
48. 4-Methyl-2-pentanone	U		µg/kg	300	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
49. MTBE	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
50. Naphthalene	**370**		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
51. n-Propylbenzene	**140**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
52. Styrene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 53. TAME	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
54. 1,1,1,2-Tetrachloroethane	U		µg/kg	61	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
55. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
56. Tetrachloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 57. Tetrahydrofuran	U		µg/kg	300	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
58. Toluene	**160**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
59. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CCD
60. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
61. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
62. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
63. Trichloroethene	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
64. Trichlorofluoromethane	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
65. 1,2,3-Trichloropropane	U		µg/kg	61	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
‡ 66. 1,2,3-Trimethylbenzene	**220**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
67. 1,2,4-Trimethylbenzene	**680**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
68. 1,3,5-Trimethylbenzene	**130**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
69. Vinyl Chloride	U		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
70. m&p-Xylene	**550**		µg/kg	100	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-03**	Chain of Custody:	**134002**
Client Project Name:	**11013-000191.00**	Sample No:	**9**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:57**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035A/EPA 8260B) **Aliquot ID: 64284-009A** **Matrix: Soil/Solid**

						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
71. o-Xylene	**240**		µg/kg	50	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH
72. Xylenes	**790**		µg/kg	150	1.0	09/23/14	VH14I23B	09/24/14	VH14I23B	CDH

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-32**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**10**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**10:31**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-010** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
10. 2-Butanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-32**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**10**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**10:31**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-010** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
40. Ethylbenzene	**1.3**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
43. 2-Hexanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
58. Toluene	**6.4**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
67. 1,2,4-Trimethylbenzene	**2.4**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
70. m&p-Xylene	**5.7**		µg/L	2.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
71. o-Xylene	**2.6**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
72. Xylenes	**8.3**		µg/L	3.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**11**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-011** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
10. 2-Butanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-011

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**11**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-011** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
43. 2-Hexanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
58. Toluene	**4.6**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
67. 1,2,4-Trimethylbenzene	**1.2**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
70. m&p-Xylene	**3.4**		µg/L	2.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
71. o-Xylene	**1.3**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
72. Xylenes	**4.7**		µg/L	3.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 MS**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**12**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-012** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	54		µg/L	20	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 2. Acrylonitrile	96		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
3. Benzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
4. Bromobenzene	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
5. Bromochloromethane	96		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
6. Bromodichloromethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
7. Bromoform	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
8. Bromomethane	120		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
9. t-Butanol	880		µg/L	50	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
10. 2-Butanone	71	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
11. n-Butylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
12. sec-Butylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
13. tert-Butylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
14. Carbon Disulfide	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
15. Carbon Tetrachloride	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
16. Chlorobenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
17. Chloroethane	120		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
18. Chloroform	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
19. Chloromethane	86		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 20. Cyclohexane	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
21. Dibromochloromethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
23. Dibromomethane	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
24. 1,2-Dichlorobenzene	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
25. 1,3-Dichlorobenzene	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
26. 1,4-Dichlorobenzene	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
28. Dichlorodifluoromethane	120		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
29. 1,1-Dichloroethane	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
30. 1,2-Dichloroethane	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
31. 1,1-Dichloroethene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
32. cis-1,2-Dichloroethene	97		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
33. trans-1,2-Dichloroethene	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
34. 1,2-Dichloropropane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
35. cis-1,3-Dichloropropene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
36. trans-1,3-Dichloropropene	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
37. Diethyl Ether	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
‡ 38. Diisopropyl Ether	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL

Client Identification:	Bureau Veritas North America, Inc.	Sample Description:	BSB-33 MS	Chain of Custody:	134001
Client Project Name:	11013-000191.00	Sample No:	12	Collect Date:	09/18/14
Client Project No:	11013-000191.00	Sample Matrix:	Ground Water	Collect Time:	11:15

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-012** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
40. Ethylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
41. Ethylene Dibromide	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 42. Hexachloroethane	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
43. 2-Hexanone	85	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
44. Isopropylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
45. 4-Isopropyltoluene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
46. Methylene Chloride	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 47. 2-Methylnaphthalene	91		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
48. 4-Methyl-2-pentanone	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
49. MTBE	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
50. Naphthalene	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
51. n-Propylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
52. Styrene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 53. TAME	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
54. 1,1,1,2-Tetrachloroethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
55. 1,1,2,2-Tetrachloroethane	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
56. Tetrachloroethene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 57. Tetrahydrofuran	84		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
58. Toluene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 59. 1,2,3-Trichlorobenzene	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
60. 1,2,4-Trichlorobenzene	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
61. 1,1,1-Trichloroethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
62. 1,1,2-Trichloroethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
63. Trichloroethene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
64. Trichlorofluoromethane	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
65. 1,2,3-Trichloropropane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 66. 1,2,3-Trimethylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
67. 1,2,4-Trimethylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
68. 1,3,5-Trimethylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
69. Vinyl Chloride	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
70. m&p-Xylene	230		µg/L	2.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
71. o-Xylene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
72. Xylenes	340		µg/L	3.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-33 MSD**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**13**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-013** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	**55**		µg/L	20	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 2. Acrylonitrile	**95**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
3. Benzene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
4. Bromobenzene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
5. Bromochloromethane	**94**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
6. Bromodichloromethane	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
7. Bromoform	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
8. Bromomethane	**110**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
9. t-Butanol	**890**		µg/L	50	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
10. 2-Butanone	**71**	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
11. n-Butylbenzene	**120**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
12. sec-Butylbenzene	**120**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
13. tert-Butylbenzene	**120**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
14. Carbon Disulfide	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
15. Carbon Tetrachloride	**120**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
16. Chlorobenzene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
17. Chloroethane	**120**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
18. Chloroform	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
19. Chloromethane	**95**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 20. Cyclohexane	**110**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
21. Dibromochloromethane	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	**110**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
23. Dibromomethane	**100**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
24. 1,2-Dichlorobenzene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
25. 1,3-Dichlorobenzene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
26. 1,4-Dichlorobenzene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	**110**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
28. Dichlorodifluoromethane	**120**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
29. 1,1-Dichloroethane	**100**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
30. 1,2-Dichloroethane	**100**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
31. 1,1-Dichloroethene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
32. cis-1,2-Dichloroethene	**99**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
33. trans-1,2-Dichloroethene	**100**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
34. 1,2-Dichloropropane	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
35. cis-1,3-Dichloropropene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
36. trans-1,3-Dichloropropene	**110**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
37. Diethyl Ether	**110**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
‡ 38. Diisopropyl Ether	**100**		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL

Client Identification:	Bureau Veritas North America, Inc.	Sample Description:	BSB-33 MSD	Chain of Custody:	134001
Client Project Name:	11013-000191.00	Sample No:	13	Collect Date:	09/18/14
Client Project No:	11013-000191.00	Sample Matrix:	Ground Water	Collect Time:	11:15

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-013** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
40. Ethylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
41. Ethylene Dibromide	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 42. Hexachloroethane	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
43. 2-Hexanone	87	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
44. Isopropylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
45. 4-Isopropyltoluene	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
46. Methylene Chloride	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 47. 2-Methylnaphthalene	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
48. 4-Methyl-2-pentanone	100		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
49. MTBE	100		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
50. Naphthalene	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
51. n-Propylbenzene	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
52. Styrene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 53. TAME	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
54. 1,1,1,2-Tetrachloroethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
55. 1,1,2,2-Tetrachloroethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
56. Tetrachloroethene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 57. Tetrahydrofuran	86		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
58. Toluene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 59. 1,2,3-Trichlorobenzene	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
60. 1,2,4-Trichlorobenzene	110		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
61. 1,1,1-Trichloroethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
62. 1,1,2-Trichloroethane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
63. Trichloroethene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
64. Trichlorofluoromethane	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
65. 1,2,3-Trichloropropane	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 66. 1,2,3-Trimethylbenzene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
67. 1,2,4-Trimethylbenzene	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
68. 1,3,5-Trimethylbenzene	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
69. Vinyl Chloride	120		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
70. m&p-Xylene	230		µg/L	2.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
71. o-Xylene	110		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
72. Xylenes	340		µg/L	3.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-014

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**14**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**12:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-014** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
10. 2-Butanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-34**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**14**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**12:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-014** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
43. 2-Hexanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
58. Toluene	**5.3**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
70. m&p-Xylene	**3.5**		µg/L	2.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
71. o-Xylene	**1.4**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
72. Xylenes	**4.9**		µg/L	3.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-015

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-35**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**15**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**13:00**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-015** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
10. 2-Butanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**BSB-35**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**15**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**13:00**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-015** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
43. 2-Hexanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
58. Toluene	**2.6**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
70. m&p-Xylene	U		µg/L	2.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
71. o-Xylene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
72. Xylenes	U		µg/L	3.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-04**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**16**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-016** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
10. 2-Butanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-016

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**Dup-04**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**16**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-016** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
43. 2-Hexanone	U	J,L+	µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
58. Toluene	**3.6**		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
70. m&p-Xylene	**2.6**		µg/L	2.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
71. o-Xylene	U		µg/L	1.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD
72. Xylenes	**3.5**		µg/L	3.0	1.0	09/23/14	VI14I23A	09/23/14	VI14I23A	CCD

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**TB-9/18/14**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**17**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Aqueous QC**	Collect Time:	**09:15**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-017** **Matrix: Aqueous QC**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	20	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL

Client Identification:	Bureau Veritas North America, Inc.	Sample Description:	TB-9/18/14	Chain of Custody:	134001
Client Project Name:	11013-000191.00	Sample No:	17	Collect Date:	09/18/14
Client Project No:	11013-000191.00	Sample Matrix:	Aqueous QC	Collect Time:	09:15

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-017** **Matrix: Aqueous QC**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
58. Toluene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
70. m&p-Xylene	U		µg/L	2.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
71. o-Xylene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
72. Xylenes	U		µg/L	3.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-018

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**FB-9/18/14**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**18**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**09:18**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-018** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	21	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**FB-9/18/14**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**18**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**09:18**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-018** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
58. Toluene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
70. m&p-Xylene	U		µg/L	2.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
71. o-Xylene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
72. Xylenes	U		µg/L	3.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**RB-9/18/14**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**19**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:32**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-019** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acetone	U		µg/L	21	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 2. Acrylonitrile	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
3. Benzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
4. Bromobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
5. Bromochloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
6. Bromodichloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
7. Bromoform	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
8. Bromomethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
9. t-Butanol	U		µg/L	50	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
10. 2-Butanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
11. n-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
12. sec-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
13. tert-Butylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
14. Carbon Disulfide	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
15. Carbon Tetrachloride	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
16. Chlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
17. Chloroethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
18. Chloroform	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
19. Chloromethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 20. Cyclohexane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
21. Dibromochloromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 22. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
23. Dibromomethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
24. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
25. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
26. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
27. trans-1,4-Dichloro-2-butene (SIM)	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
28. Dichlorodifluoromethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
29. 1,1-Dichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
30. 1,2-Dichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
31. 1,1-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
32. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
33. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
34. 1,2-Dichloropropane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
35. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
36. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
37. Diethyl Ether	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
‡ 38. Diisopropyl Ether	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 64284
Laboratory Sample Number: 64284-019

Client Identification:	**Bureau Veritas North America, Inc.**	Sample Description:	**RB-9/18/14**	Chain of Custody:	**134001**
Client Project Name:	**11013-000191.00**	Sample No:	**19**	Collect Date:	**09/18/14**
Client Project No:	**11013-000191.00**	Sample Matrix:	**Ground Water**	Collect Time:	**11:32**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) **Aliquot ID: 64284-019** **Matrix: Ground Water**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 39. ETBE	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
40. Ethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
41. Ethylene Dibromide	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 42. Hexachloroethane	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
43. 2-Hexanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
44. Isopropylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
45. 4-Isopropyltoluene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
46. Methylene Chloride	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 47. 2-Methylnaphthalene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
48. 4-Methyl-2-pentanone	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
49. MTBE	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
50. Naphthalene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
51. n-Propylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
52. Styrene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 53. TAME	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
54. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
55. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
56. Tetrachloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 57. Tetrahydrofuran	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
58. Toluene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 59. 1,2,3-Trichlorobenzene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	JPL
60. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
61. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
62. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
63. Trichloroethene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
64. Trichlorofluoromethane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
65. 1,2,3-Trichloropropane	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
‡ 66. 1,2,3-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
67. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
68. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
69. Vinyl Chloride	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
70. m&p-Xylene	U		µg/L	2.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
71. o-Xylene	U		µg/L	1.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD
72. Xylenes	U		µg/L	3.0	1.0	09/29/14	VJ14I29A	09/29/14	VJ14I29A	CCD

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QA limits

Exception Summary:

L+ : Recovery in the associated laboratory sample (LCS) exceeds the upper control limit. Results may be biased high.

Accreditation Number(s):

E-10395 (KS)

T104704518-13-1 (TX)