From:	Brian Caldwell
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Cc:	Fly, Lora B CIV NAVFAC MIDLANT, IPTNE (lora.fly@navy.mil)
Subject:	BETHPAGE MARCH 2017 QUARTERLY TABULATED DATA AND VALIDATION REPORT
Date:	Thursday, June 29, 2017 5:02:44 PM
Attachments:	Final March 2017 Quarterly_8260C_8270D_validation_report.pdf March 2017 Quarterly - Tabulated Data.xlsx

All:

As per discussions between the Navy and NYSDEC, NYSDEC requested that the Navy submit the validated data as soon as the information is available. On behalf of the Navy, please find attached the tabulated data and validation reports for the March 2017 quarterly sampling.

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			Sample Location:	NA	NA	NA	NA
			Sample ID:	FB01-WQ-030817	TB01-WQ-030817	TB02-WQ-030917	TB03-WQ-031317
			Sample Date:	03/08/2017	03/08/2017	03/09/2017	03/13/2017
			Sample Type:	Field Blank	Trip Blank	Trip Blank	Trip Blank
Method	**CAS No.**	**Analyte**	**Units**				
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	1 U	1 U	1 U	1 U
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	**6**	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**30 J**	2.5 U	2.5 U	2.5 UJ
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 UJ
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 U	0.5 UJ
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	**0.29 J**	0.5 UJ
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 U	1 UJ
8260C	67-66-3	CHLOROFORM	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	1 UJ	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	0.5 U
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	0.17 U	NA	NA	NA

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as undetected during data review due to blank artifacts.

J = ***Estimated Value*** — One or more quality control parameters were outside control limits or the analyte concentration was less than the limit of quantitation.

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected and was estimated because of a quality control outlier.

Bold = Detected Value

			Sample Location:	NA	NA	NA	RE103D1
			Sample ID:	FB02-WQ-031617	TB04-WQ-031617	TB05-WQ-031717	RE103D1-GW-030717
			Sample Date:	03/16/2017	03/16/2017	03/17/2017	03/07/2017
			Sample Type:	Field Blank	Trip Blank	Trip Blank	Groundwater
Method	**CAS No.**	**Analyte**	**Units**				
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	**9.4**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	**0.71 J**
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	**0.78 J**
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	**7**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U	1.5 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	1 U	1 U	1 U	**2.7 J**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U	5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U	5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U	5 U
8260C	67-64-1	ACETONE	UG_L	**3.1 J**	2.5 U	2.5 U	**6.9 J**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 UJ	2 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 U	2 U
8260C	67-66-3	CHLOROFORM	UG_L	0.5 U	0.5 U	0.5 U	**0.66 J**
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	1 U	2 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	**2.7**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	1 UJ	2 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U	2 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 UJ	1.5 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U	5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	**3.3**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U	1 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U	**740**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U	2 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U	2 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U	3 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	0.17 U	NA	NA	**17 J**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE103D2	RE103D3	RE104D1
			Sample ID:	RE103D2-GW-030717	RE103D3-GW-030717	RE104D1-GW-030717
			Sample Date:	03/07/2017	03/07/2017	03/07/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	1 U	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	1 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**3.7**	**1.9**	**2.7**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	1 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	1 U	**0.33 J**	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**1.2 J**	**0.48 J**	**0.64 J**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	1.5 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	1 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	1 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**1.4 J**	**0.69 J**	**0.75 J**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	1 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	5 UJ	**7.4**	**10**
8260C	71-43-2	BENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	1 U	0.5 U	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	1 U	0.5 U	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	2 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	1 U	0.5 U	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	1 U	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	2 U	1 U	1 U
8260C	67-66-3	CHLOROFORM	UG_L	**0.82 J**	**0.55 J**	0.5 U
8260C	74-87-3	CHLOROMETHANE	UG_L	2 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**1.4 J**	**0.69 J**	**0.75 J**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	1 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	1 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	1 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	2 UJ	1 UJ	**0.34 J**
8260C	100-41-4	ETHYLBENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	1 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	2 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	1.5 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	1 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	1 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	1 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	1 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	1 U	0.5 U	**1.9**
8260C	108-88-3	TOLUENE	UG_L	1 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	1 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	1 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**700**	**420**	**79**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	2 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	2 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	3 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**3.4 J**	**1 J**	**9.6 J**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE104D2	RE104D3	RE105D1
			Sample ID:	RE104D2-GW-030717	RE104D3-GW-030717	RE105D1-GW-031717
			Sample Date:	03/07/2017	03/07/2017	03/17/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	**0.22 J**
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5 U	0.5 U	**5.9**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	0.5 U	0.5 U	**0.86 J**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**3.2**	1 U	**1.3 J**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**8.5**	**9.2**	**14**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 UJ
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 U
8260C	67-66-3	CHLOROFORM	UG_L	**0.64 J**	0.5 U	0.5 U
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	**0.7 J**
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**3.2**	0.5 U	**1.3**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	**0.43 J**
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 UJ
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**10**	0.5 U	**120**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**0.38 J**	0.18 U	**14**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE105D2	RE106D1	RE106D2
			Sample ID:	RE105D2-GW-031717	RE106D1-GW-030817	RE106D2-GW-030817
			Sample Date:	03/17/2017	03/08/2017	03/08/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	**0.54 J**	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**18**	**1.3**	**12**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	**1.2**	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	**1.6**	0.5 U	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**6.4**	0.5 U	0.5 U
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**3.4**	1 U	**0.97 J**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**16**	2.5 UJ	2.5 UJ
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	**3.4**	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 U
8260C	67-66-3	CHLOROFORM	UG_L	**2**	0.5 U	0.5 U
8260C	74-87-3	CHLOROMETHANE	UG_L	**0.91 J**	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**3.4**	0.5 U	**0.97 J**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	**2.2**	**0.68 J**	**8.1**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**1800**	**7.4**	**46**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**12**	**11 J**	**14 J**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

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Bold = Detected Value

			Sample Location:	RE106D3	RE108D1	RE108D1
			Sample ID:	RE106D3-GW-030817	DUP02-GW-031617	RE108D1-GW-031617
			Sample Date:	03/08/2017	03/16/2017	03/16/2017
			Sample Type:	Groundwater	Field Duplicate	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**71**	**0.87 J**	**0.77 J**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**0.71 J**	0.5 U	0.5 U
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**2**	**0.39 J**	**0.4 J**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	2.5 U	**8.4 J**	**14 J**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 U
8260C	67-66-3	CHLOROFORM	UG_L	0.5 U	0.5 U	0.5 U
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	**1.5 J**
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**2**	**0.39 J**	**0.4 J**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	**35**	**1.6**	**1.8**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**84**	**62**	**61**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**14 J**	**11**	**11**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

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UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE108D2	RE115D1	RE115D2
			Sample ID:	RE108D2-GW-031617	RE115D1-GW-031617	RE115D2-GW-031617
			Sample Date:	03/16/2017	03/16/2017	03/16/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	2.5 U	0.5 U	**0.64 J**
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**3.4 J**	**6.1**	**18**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	2.5 U	**0.55 J**	**0.75 J**
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	**3.9 J**	0.5 U	**0.75 J**
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**4.4 J**	**2.2**	**5.5**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3.8 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**6.2 J**	**1.3 J**	**2.4**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	12 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	12 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	12 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**14 J**	**10**	**8.9**
8260C	71-43-2	BENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	2.5 U	0.5 U	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	5 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	2.5 U	0.5 U	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	**1.4 J**	**1.8**	**1.5**
8260C	108-90-7	CHLOROBENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	5 U	1 U	1 U
8260C	67-66-3	CHLOROFORM	UG_L	**3.3 J**	**1.3**	**0.9 J**
8260C	74-87-3	CHLOROMETHANE	UG_L	5 U	**0.88 J**	**0.4 J**
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**6.2**	**1.3**	**2.4**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	5 UJ	**1.4 J**	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	5 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	3.8 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	2.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	2.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	12 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	108-88-3	TOLUENE	UG_L	2.5 U	0.5 U	**0.27 J**
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	2.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**2900**	**86**	**230**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	5 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	5 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	7.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**10**	**8.2 J**	**6.8**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE117D1	RE117D2	RE120D1
			Sample ID:	RE117D1-GW-031717	RE117D2-GW-031717	RE120D1-GW-030917
			Sample Date:	03/17/2017	03/17/2017	03/09/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	**0.93 J**
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	1 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5 U	0.5 U	**29**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	**0.93 J**
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	0.5 U	0.5 U	**2.4**
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	0.5 U	0.5 U	**17**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	1.5 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	1 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	1 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	1 U	1 U	**3.2 J**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	1 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	**1.9 J**	5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	5 U
8260C	67-64-1	ACETONE	UG_L	2.5 U	**19**	**12 J**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	1 U
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	1 U
8260C	74-83-9	BROMOMETHANE	UG_L	1 UJ	1 UJ	2 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	1 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	1 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	2 U
8260C	67-66-3	CHLOROFORM	UG_L	0.5 U	0.5 U	**0.74 J**
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	**0.65 J**	2 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	**3.2**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	1 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	1 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	1 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	2 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	1 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	2 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 UJ	0.75 UJ	1.5 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	1 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	1 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	1 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	1 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	0.5 U	0.5 U	**1.6 J**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	1 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	1 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	1 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**14**	0.5 U	**1000**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	2 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	2 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	3 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	0.17 U	0.17 U	**17**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE120D2	RE120D3	RE122D1
			Sample ID:	RE120D2-GW-030917	RE120D3-GW-030917	RE122D1-GW-031317
			Sample Date:	03/09/2017	03/09/2017	03/13/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**19 J**	**0.88 J**	**5.2**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	**0.48 J**	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	**0.94 J**	0.5 U	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**5.8**	0.5 U	**0.99 J**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**2.6**	1 U	**2.1**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**7.6 J**	**12 J**	**17 J**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 UJ
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 UJ
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 UJ
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	0.5 UJ
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	**0.38 J**	0.5 U	0.5 UJ
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 UJ
8260C	67-66-3	CHLOROFORM	UG_L	**0.68 J**	0.5 U	**0.61 J**
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	**0.37 J**
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**2.6**	0.5 U	**1.8**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	**0.34 J**	1 UJ	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	**2.5**	0.5 U	**1.8**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	**0.34 J**
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**610**	**31**	**540**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**13**	**0.32**	**7.8**

Notes:

UG_L = Micrograms per liter

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Bold = Detected Value

			Sample Location:	RE122D2	RE122D3	RE123D1
			Sample ID:	RE122D2-GW-031317	RE122D3-GW-031317	RE123D1-GW-030917
			Sample Date:	03/13/2017	03/13/2017	03/09/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	5 U	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**19**	0.5 U	0.5 U
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	5 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	5 U	0.5 U	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**7.2 J**	0.5 U	0.5 U
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	7.5 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**7.3 J**	1 U	1 U
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	25 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	25 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	25 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	25 UJ	**9.3 J**	**14 J**
8260C	71-43-2	BENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	5 UJ	0.5 UJ	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	5 UJ	0.5 UJ	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	10 UJ	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	5 UJ	0.5 UJ	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	5 UJ	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	10 UJ	1 UJ	1 U
8260C	67-66-3	CHLOROFORM	UG_L	**3.2 J**	0.5 U	0.5 U
8260C	74-87-3	CHLOROMETHANE	UG_L	10 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**7.3 J**	0.5 U	0.5 U
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	10 UJ	1 UJ	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	10 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	7.5 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	25 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	5 U	0.5 U	0.5 U
8260C	108-88-3	TOLUENE	UG_L	5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**4700**	**6.2**	**4.8**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	10 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	10 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	15 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**12**	0.18 U	**6.4**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE123D2	RE123D3	RE125D1
			Sample ID:	RE123D2-GW-030917	RE123D3-GW-030917	RE125D1-GW-031317
			Sample Date:	03/09/2017	03/09/2017	03/13/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**0.33 J**	0.5 U	**9.4**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	0.5 U	0.5 U	**1.8**
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	0.5 U	0.5 U	**1.9**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	1 U	1 U	**4.2**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**6.9 J**	**7.2 J**	**9.3 J**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 UJ
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 UJ
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	0.5 UJ
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 UJ
8260C	67-66-3	CHLOROFORM	UG_L	0.5 U	0.5 U	**0.78 J**
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	**4.2**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	**0.42 J**
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	**0.37 J**
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	**0.88 J**	0.5 U	**6.6**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**1.6**	0.5 U	**150**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**0.73**	0.18 U	**14**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE125D2	RE125D3	RE126D1
			Sample ID:	RE125D2-GW-031317	RE125D3-GW-031317	RE126D1-GW-031017
			Sample Date:	03/13/2017	03/13/2017	03/10/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	**0.54 J**	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**24**	**38**	**0.45 J**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	**0.82 J**	0.5 U	0.5 U
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**6.9**	**0.67 J**	0.5 U
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**3.8**	**1.8 J**	1 U
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**8 J**	**11 J**	**15 J**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 UJ	0.5 UJ	0.5 UJ
8260C	75-25-2	BROMOFORM	UG_L	0.5 UJ	0.5 UJ	0.5 UJ
8260C	74-83-9	BROMOMETHANE	UG_L	1 UJ	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 UJ	0.5 UJ	0.5 UJ
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 UJ	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 UJ	1 UJ	1 UJ
8260C	67-66-3	CHLOROFORM	UG_L	**0.45 J**	**0.38 J**	0.5 U
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**3.8**	**1.8**	0.5 U
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	**0.59 J**	**0.31 J**	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	**1.7**	**1.7**	**0.74 J**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**220**	**140**	**34**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	**0.3 J**	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**14**	**4.2**	**7**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE126D2	RE126D3	RE131D1
			Sample ID:	RE126D2-GW-031017	RE126D3-GW-031017	RE131D1-GW-031017
			Sample Date:	03/10/2017	03/10/2017	03/10/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	**0.5 J**	0.5 U	0.5 U
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**1**	**0.44 J**	**4.3**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	**0.48 J**	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	**2**	0.5 U	**0.59 J**
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**1.2**	0.5 U	**0.81 J**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**3.1**	1 U	**4.5**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**9.9 J**	**16 J**	**12 J**
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 UJ	0.5 UJ	0.5 UJ
8260C	75-25-2	BROMOFORM	UG_L	0.5 UJ	0.5 UJ	0.5 UJ
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 UJ	0.5 UJ	0.5 UJ
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 UJ	1 UJ	1 UJ
8260C	67-66-3	CHLOROFORM	UG_L	**0.52 J**	0.5 U	**2.5**
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**3.1**	0.5 U	**4.5**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	**0.54 J**
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	0.5 U	**1.4**	**9.4**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**400**	**2**	**110**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**5.8**	**1.5 J**	**13**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	RE131D2	RE131D3	TT101D
			Sample ID:	RE131D2-GW-031017	RE131D3-GW-031017	TT101D-GW-030817
			Sample Date:	03/10/2017	03/10/2017	03/08/2017
			Sample Type:	Groundwater	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	**0.27 J**
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**240**	**120**	**16**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	0.5 U	0.5 U	**0.83 J**
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**1.6**	**0.83 J**	**3.7**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**4.1**	**0.42 J**	**3**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	**15 J**	**5.6 J**	2.5 UJ
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 UJ	0.5 UJ	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	0.5 UJ	0.5 UJ	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 UJ	0.5 UJ	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 UJ	1 UJ	1 U
8260C	67-66-3	CHLOROFORM	UG_L	**0.39 J**	0.5 U	**0.49 J**
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**4.1**	**0.42 J**	**3**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	1 UJ	1 UJ	**2 J**
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	**5.4**	**1.7**	0.5 U
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**45**	**6.3**	**70**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**13**	**2**	**9.7 J**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

			Sample Location:	TT101D1	TT101D1	TT101D2
			Sample ID:	DUP01-GW-030817	TT101D1-GW-030817	TT101D2-GW-030817
			Sample Date:	03/08/2017	03/08/2017	03/08/2017
			Sample Type:	Field Duplicate	Groundwater	Groundwater
Method	**CAS No.**	**Analyte**	**Units**			
8260C	71-55-6	1,1,1-TRICHLOROETHANE	UG_L	**0.6 J**	**0.57 J**	**0.43 J**
8260C	79-34-5	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	**17**	**17**	**29**
8260C	79-00-5	1,1,2-TRICHLOROETHANE	UG_L	**0.52 J**	**0.51 J**	**0.82 J**
8260C	75-34-3	1,1-DICHLOROETHANE	UG_L	**1.1**	**1.1**	**1**
8260C	75-35-4	1,1-DICHLOROETHENE	UG_L	**6.8**	**6.8**	**6.6**
8260C	120-82-1	1,2,4-TRICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75 U	0.75 U	0.75 U
8260C	106-93-4	1,2-DIBROMOETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	95-50-1	1,2-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	107-06-2	1,2-DICHLOROETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	540-59-0	1,2-DICHLOROETHENE, TOTAL	UG_L	**1.8 J**	**1.9 J**	**1.7 J**
8260C	78-87-5	1,2-DICHLOROPROPANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	541-73-1	1,3-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	106-46-7	1,4-DICHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	78-93-3	2-BUTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	591-78-6	2-HEXANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	108-10-1	4-METHYL-2-PENTANONE	UG_L	2.5 U	2.5 U	2.5 U
8260C	67-64-1	ACETONE	UG_L	2.5 UJ	2.5 UJ	2.5 U
8260C	71-43-2	BENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-27-4	BROMODICHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-25-2	BROMOFORM	UG_L	0.5 U	0.5 U	0.5 U
8260C	74-83-9	BROMOMETHANE	UG_L	1 U	1 U	1 U
8260C	75-15-0	CARBON DISULFIDE	UG_L	0.5 U	0.5 U	0.5 U
8260C	56-23-5	CARBON TETRACHLORIDE	UG_L	**1.6**	**1.6**	**1.1**
8260C	108-90-7	CHLOROBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-00-3	CHLOROETHANE	UG_L	1 U	1 U	1 U
8260C	67-66-3	CHLOROFORM	UG_L	**0.94 J**	**0.84 J**	**1**
8260C	74-87-3	CHLOROMETHANE	UG_L	1 U	1 U	1 U
8260C	156-59-2	CIS-1,2-DICHLOROETHENE	UG_L	**1.8**	**1.9**	**1.7**
8260C	10061-01-5	CIS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	110-82-7	CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	124-48-1	DIBROMOCHLOROMETHANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-71-8	DICHLORODIFLUOROMETHANE	UG_L	**1.5 J**	**1.3 J**	1 UJ
8260C	100-41-4	ETHYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	98-82-8	ISOPROPYLBENZENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	108-38-3/106-42	M- AND P-XYLENE	UG_L	1 U	1 U	1 U
8260C	79-20-9	METHYL ACETATE	UG_L	0.75 U	0.75 U	0.75 U
8260C	108-87-2	METHYL CYCLOHEXANE	UG_L	0.5 U	0.5 U	0.5 U
8260C	1634-04-4	METHYL TERT-BUTYL ETHER	UG_L	0.5 U	0.5 U	0.5 U
8260C	75-09-2	METHYLENE CHLORIDE	UG_L	2.5 U	2.5 U	2.5 U
8260C	95-47-6	O-XYLENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	100-42-5	STYRENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	127-18-4	TETRACHLOROETHENE	UG_L	0.5 U	0.5 U	**1.4**
8260C	108-88-3	TOLUENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	156-60-5	TRANS-1,2-DICHLOROETHENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	10061-02-6	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5 U	0.5 U	0.5 U
8260C	79-01-6	TRICHLOROETHENE	UG_L	**190**	**190**	**780**
8260C	75-69-4	TRICHLOROFLUOROMETHANE	UG_L	1 U	1 U	1 U
8260C	75-01-4	VINYL CHLORIDE	UG_L	1 U	1 U	1 U
8260C	1330-20-7	XYLENES, TOTAL	UG_L	1.5 U	1.5 U	1.5 U
8270D_SIM	123-91-1	1,4-DIOXANE	UG_L	**11 J**	**10 J**	**5.2 J**

Notes:

UG_L = Micrograms per liter

NA = Not applicable

Qual = Final qualifiers

U = ***Undetected*** — The parameter was analyzed but undetected or was qualified as

J = ***Estimated Value*** — One or more quality control parameters were outside contr

UJ = ***Undetected and Estimated*** — The parameter was analyzed but undetected ar

Bold = Detected Value

DATA VALIDATION REPORT

Project:	Regional Groundwater Investigation — Naval Weapons Industrial Reserve Plant Bethpage
Laboratory:	Katahdin Analytical
Sample Delivery Groups:	SK1820, SK1888, SK1997, SK2106, and SK2138
Analyses/Method:	Volatile Organic Compounds by United States Environmental Protection Agency SW-846 Method 8260C, and 1,4-Dioxane by United States Environmental Protection Agency SW-846 Method 8270D via Selective Ion Monitoring
Validation Level:	Stage 3
Project Number:	0888812477.SA.DV
Prepared by:	Dana Miller/Resolution Consultants Completed on: 06/21/2017
Reviewed by:	Tina Clemmey/Resolution Consultants File Name: BETHPAGE 8_8260C_8270D

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage Site on 7 to 17 March 2017 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York*. (Resolution Consultants August 2014).

Sample Identification	Matrix/Sample Type	Analysis
FB01-WQ-030817	Field blank	8260C/8270D_SIM
TB01-WQ-030817	Trip blank	8260C
RE103D1-GW-030717	Groundwater	8260C/8270D_SIM
RE103D2-GW-030717	Groundwater	8260C/8270D_SIM
RE103D3-GW-030717	Groundwater	8260C/8270D_SIM
RE104D1-GW-030717	Groundwater	8260C/8270D_SIM
RE104D2-GW-030717	Groundwater	8260C/8270D_SIM
RE104D3-GW-030717	Groundwater	8260C/8270D_SIM

Sample Identification	Matrix/Sample Type	Analysis
RE106D1-GW-030817	Groundwater	8260C/8270D_SIM
RE106D2-GW-030817	Groundwater	8260C/8270D_SIM
RE106D3-GW-030817	Groundwater	8260C/8270D_SIM
TT101D-GW-030817	Groundwater	8260C/8270D_SIM
DUP01-GW-030817	Duplicate of TT101D1-G030817	8260C/8270D_SIM
TT101D1-GW-030817	Groundwater	8260C/8270D_SIM
TT101D2-GW-030817	Groundwater	8260C/8270D_SIM
TB02-WQ-030917	Trip blank	8260C
RE120D1-GW-030917	Groundwater	8260C/8270D_SIM
RE120D2-GW-030917	Groundwater	8260C/8270D_SIM
RE120D3-GW-030917	Groundwater	8260C/8270D_SIM
RE123D1-GW-030917	Groundwater	8260C/8270D_SIM
RE123D2-GW-030917	Groundwater	8260C/8270D_SIM
RE123D3-GW-030917	Groundwater	8260C/8270D_SIM
TB03-WQ-031317	Trip blank	8260C
RE122D1-GW-031317	Groundwater	8260C/8270D_SIM
RE122D2-GW-031317	Groundwater	8260C/8270D_SIM
RE122D3-GW-031317	Groundwater	8260C/8270D_SIM
RE125D1-GW-031317	Groundwater	8260C/8270D_SIM
RE125D2-GW-031317	Groundwater	8260C/8270D_SIM
RE125D3-GW-031317	Groundwater	8260C/8270D_SIM
RE126D1-GW-031017	Groundwater	8260C/8270D_SIM
RE126D2-GW-031017	Groundwater	8260C/8270D_SIM
RE126D3-GW-031017	Groundwater	8260C/8270D_SIM
RE131D1-GW-031017	Groundwater	8260C/8270D_SIM
RE131D2-GW-031017	Groundwater	8260C/8270D_SIM
RE131D3-GW-031017	Groundwater	8260C/8270D_SIM
FB02-WQ-031617	Field blank	8260C/8270D_SIM
TB04-WQ-031617	Trip blank	8260C
DUP02-GW-031617	Duplicate of RE108D1-GW-031617	8260C/8270D_SIM
RE108D1-GW-031617	Groundwater	8260C/8270D_SIM
RE108D2-GW-031617	Groundwater	8260C/8270D_SIM
RE115D1-GW-031617	Groundwater	8260C/8270D_SIM
RE115D2-GW-031617	Groundwater	8260C/8270D_SIM
TB05-WQ-031717	Trip blank	8260C
RE105D1-GW-031717	Groundwater	8260C/8270D_SIM
RE105D2-GW-031717	Groundwater	8260C/8270D_SIM
RE117D1-GW-031717	Groundwater	8260C/8270D_SIM

Sample Identification	Matrix/Sample Type	Analysis
RE117D2-GW-031717	Groundwater	8260C/8270D_SIM

Note:
SIM = Selective Ion Monitoring

Data validation activities were conducted using the following guidance documents: *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, specifically Method 8260C, Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry* (United States Environmental Protection Agency [U.S. EPA] 2006), *SW-846 Method 8270D, Semi volatile Organic Compounds by Gas Chromatograph/Mass Spectrometry* (U.S. EPA 2007), *National Functional Guidelines for Superfund Organic Methods Data Review* (U.S. EPA September 2016), *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (U.S. EPA January 2009), and *Department of Defense Quality Systems Manual for Environmental Laboratories*, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements, and/or professional judgment were used as appropriate.

REVIEW ELEMENTS
The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness (chain-of-custody)/sample integrity
- ✗ Holding times and sample preservation
- ✓ Gas chromatography/Mass spectrometer performance checks
- ✗ Initial calibration (ICAL)/initial calibration verification (ICV)/continuing calibration verification (CCV)
- ✗ Laboratory blanks/field blanks/trip blanks
- ✗ Surrogate spike recovery
- ✗ Matrix spike (MS) and/or matrix spike duplicate (MSD) results
- ✗ Laboratory control sample (LCS) /laboratory control sample duplicate results(LCSD)
- ✗ Field duplicates
- ✓ Internal standards
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. Acceptable data parameters for which all criteria were met, no qualification was performed, and/or non-conformance or other issues that were noted during validation, but did not result in qualification

of data are not discussed further. The symbol (*X*) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below.

RESULTS

Holding Times and Sample Preservation

All samples were received by the laboratory with the proper documentation and preservation. All coolers were received by the laboratory at temperatures below 6 degrees Celsius, which met acceptance limits. Holding time non-conformance is summarized in Attachment A in Table A-1.

Initial Calibration/Initial Calibration Verification/Continuing Calibration Verification

The ICAL is evaluated to ensure that the instrument was capable of producing acceptable qualitative and quantitative data prior to the analysis of samples. The ICV is evaluated to assess the accuracy of ICAL standards. The CCV is evaluated to determine whether the instrument was within acceptable calibration throughout the period in which the samples were analyzed. Failure of the CCV indicates that the ICAL is no longer valid and should trigger recalibration and reanalysis of the associated samples in the analytical sequence. Data qualification to the analytes associated with the specific ICAL was as follows:

Initial Calibration Linearity Non-Conformance:

Criteria	Actions	
	Detected Results	Non-Detected Results
RSD >15% and quantitation based on mean response factor	J	UJ

Notes:
RSD = Relative standard deviation
J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific ICV was as follows:

Initial Calibration Verification Recovery Non-Conformance:

Criteria	Actions	
	Detected Results	Non-Detected Results
Recovery >120%	J	UJ
Recovery < 80%	J	UJ

Notes:
J = Estimated value
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific CCV was as follows:

Continuing Calibration Verification Linearity Non-Conformance:

Criteria	Actions	
	Detected Results	**Non-Detected Results**
%Difference or %Drift > 20%	J	UJ

Notes:
J = Estimated value
UJ = Undetected and estimated

ICAL, ICV, and CCV non-conformances are summarized in Attachment A in Table's A-2, A-3, and A-4.

Laboratory Blanks/Field Blanks/Trip Blanks

Laboratory blanks, field blanks, and trip blanks were analyzed with samples to assess contamination imparted by sample preparation and/or analysis. All results associated with a particular blank were evaluated to determine whether there was an inherent variability in the data, or if a problem was an isolated occurrence that did not affect the data. Samples were flagged in accordance with *Functional Guidelines* (shown below) where detections were not believed to be site-related.

Blank Non-Conformance Chart:

Blank type	Blank result	Sample result	Action
Method, Storage, Trip, Field, or Equipment	**Detects**	**Not Detected**	**No Qualification**
	≤ LOQ	< LOQ	Report sample at LOQ and qualify as non-detect (U)
		≥ LOQ or ≥ 2x Blank Result for Methylene chloride, Acetone, and 2-Butanone	Use professional judgement
	≥ LOQ	< LOQ	Report sample at LOQ and qualify as non-detect (U)
		≥ LOD but < Blank Result	Report at sample result and qualify as non-detect (U) or reject the sample result as unusable (R)
		≥ LOQ and ≥ Blank Result or 2x Blank Result for Methylene chloride, Acetone, and 2-Butanone	Use professional judgement
	Gross Contamination	Detect	Report at sample result and qualify as unusable (R)

Notes:
LOQ = Limit of quantitation
U = Undetected
R = Rejected

Field blank non-conformance is summarized in Attachment A in Table A-5.

Surrogate Spike Recovery

Surrogates provide information needed to assess the accuracy of analyses. Known amounts of surrogate compounds, which are not likely to be found in the actual samples, are added to each organic sample to check for accuracy. If surrogate percent recoveries (%Rs) are close to the known concentrations, the reported target compound concentrations are assumed to be accurate. Data qualification on the basis of surrogate recovery was as follows:

Surrogate Spike Recovery Non-Conformance Chart:

Criteria	Action	
	Detected	**Non-Detected**
Lower Limit ≤ %R or RPD ≤ Upper Limit	No qualification	No qualification
% R > Upper Limit	J	No qualification
20% <%R < Lower Limit	J	UJ
% R < 20%	J	Rejected

Notes:

%R	=	Percent recovery
RPD	=	Relative percent differences
J	=	Estimated value
UJ	=	Undetected and estimated

Surrogate spike recovery non-conformance is summarized in Attachment A in Table A-6.

Matrix Spike/Matrix Spike Duplicate Results

MS/MSDs are generated to provide information about the effect of each sample matrix on the sample preparation and the measurement methodology. MS/MSD percent %Rs assess the effect of the sample matrix on the accuracy of the analytical results and %Rs above the laboratory control limit could indicate a potential high result bias while %Rs below QC limits could indicate a potential low result bias. The relative percent differences (RPDs) between the MS and MSD results are evaluated to assess sample precision. The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. Data qualification to the analytes associated with the specific MS/MSD non-conformances were as follows:

Matrix Spike/Matrix Spike Duplicate Non-Conformances Chart:

Criteria	Action	
	Detected Compounds	**Non-Detected Compounds**
%R or RPD > Upper Limit	J	No qualification
20% ≤ %R < Lower Limit	J	UJ
%R < 20%	J	Rejected

Notes:

%R	=	Percent recovery
RPD	=	Relative percent difference
J	=	Estimated
UJ	=	Undetected and estimated

MS/MSD non-conformances are summarized in Attachment A in Table A-7.

Laboratory Control Sample / Laboratory Control Sample Duplicate

LCS %Rs is used to monitor the overall accuracy and performance of each step during analysis, including sample preparation. The laboratory analyzed LCSs in duplicate when matrix spike/matrix spike duplicates were not reported. In these instances, the laboratory determined precision between the duplicated values. Data qualification to the analytes associated with the specific LCS/LCS duplicate was as follows:

Laboratory Control Sample / Laboratory Control Sample Duplicate Non-conformance Chart:

Criteria	Action	
	Detected	Non-detected
% R or RPD > UL	J	No qualification
%R < LL	J	UJ
%R < 20%	J	Rejected

Notes:

%R	=	Percent recovery	RPD	=	Relative percent difference
UL	=	Upper limit	LL	=	Lower limit
J	=	Estimated	UJ	=	Undetected and estimated

LCS/LCSD %R non-conformances are summarized in Attachment A in Table A-8.

Field Duplicate

Two field duplicate pairs were collected to assess precision: TT101D1-GW-030817/DUP01-GW-030817 and RE108D1-GW-031617/DUP02-GW-031617. Field duplicate RPDs were reviewed for conformance with the Resolution Consultants QC criteria of $\leq$30% for aqueous matrices. These criteria apply if both results were greater than two times the limit of quantitation (LOQ). Data qualification to the analytes associated with the specific field duplicate RPDs was as follows:

Field Duplicate Non-conformances Chart:

Criteria	RPD	Action	
		Detected	**Non-detected**
Sample and duplicate are not detected results	NC	No qualification	No qualification
Sample and duplicate results ≥2x LOQ	>30 (aqueous)	J	Not Applicable
If sample or duplicate result is >2x LOQ and the other is not detected	NC	J	UJ
If sample or duplicate result is <2x LOQ and the other is not detected	NC	No qualification	No qualification

Notes:

NC = Not calculable
LOQ = Limit of quantitation
J = Estimated value
UJ = Undetected and estimated

The field duplicate non-conformance is summarized in Attachment A in Table A-9.

Qualification Actions

The data were reviewed independently from the laboratory to assess data quality. All compounds detected at concentrations less than the limit of quantitation but greater than the method detection limit were qualified by the laboratory as estimated (J). This "J" qualifier was retained during data validation. Any sample that was analyzed at a dilution because of high concentrations of target or non-target analytes was checked to confirm that the results and/or sample-specific limit of quantitation and limit of detections were adjusted accordingly by the laboratory.

No results were rejected; therefore, analytical completeness was calculated to be 100 percent. Data not qualified during data review are considered usable by the project. The remaining results qualified as estimated may be high or low, but the data are usable for their intended purpose, according to U.S. EPA and Department of Defense guidelines. Attachment B provides a summary of all qualified results during this data review.

ATTACHMENTS

Attachment A: Non-Conformance Summary Tables
Attachment B: Qualified Results Summary during Data Review

Attachment A
Non-Conformance Summary Table

Table A-1 Holding Time Non Conformance						
SDG	**Method**	**Sample**	**Analyte**	**Time Past Hold Time**	**Holding Time Criteria**	**Qualifier**
SK1997	8270D_SIM	RE126D3-GW-031017	1,4-Dioxane	4 Days	Preparation 7 days	J

Notes:

SDG = Sample delivery group

SIM = Selective ion monitoring

J = Positive result qualified estimated and may be biased low.

Table A-2 Initial Calibration Non-Conformance								
SDG	**Method**	**Analyte**	**Instrument ID/ Calibration Date**	**RSD**	**RSD Limit**	**Associated Sample**	**Lab ID**	**Qualifiers**
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	TB03-WQ-031317	SK1997-1	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE131D1-GW-031017	SK1997-2	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE131D3-GW-031017	SK1997-4	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE126D1-GW-031017	SK1997-5	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE126D3-GW-031017	SK1997-7	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE122D3-GW-031317	SK1997-10	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE125D1-GW-031317	SK1997-11	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE125D3-GW-031317	SK1997-13	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE131D2-GW-031017	SK1997-3	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE126D2-GW-031017	SK1997-6	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	GCMS-S 21-MAR-17	**25.18622**	15	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK2138	8260C	Bromomethane	GCMS-D 23-MAR-17	**15.20792**	15	TB05-WQ-031717	SK2138-1	Detects: J Non-detects: UJ
SK2138	8260C	Bromomethane	GCMS-D 23-MAR-17	**15.20792**	15	RE117D1-GW-031717	SK2138-4	Detects: J Non-detects: UJ
SK2138	8260C	Bromomethane	GCMS-D 23-MAR-17	**15.20792**	15	RE117D2-GW-031717	SK2138-5	Detects: J Non-detects: UJ
SK2138	8260C	Bromomethane	GCMS-D 23-MAR-17	**15.20792**	15	RE105D1-GW-031717	SK2138-2	Detects: J Non-detects: UJ

Table A-2
Initial Calibration Non-Conformance

Notes:

SDG	=	Sample delivery group
RSD	=	Relative standard deviation
ID	=	Identification
Bold	=	Above the 15% control limit.
J	=	Estimated value; one or more quality control parameters for calibration were outside control limits.
UJ	=	Undetected and estimated; one or more quality control parameters for calibration were outside control limits.

Table A-3
Initial Calibration Verification Non-Conformance

SDG	Method	Analyte	ICV ID	%R	Limit	Associated Samples	Lab ID	Qualifiers
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	DUP01-GW-030817	SK1820-12	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	FB01-WQ-030817	SK1820-8	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE103D1-GW-030717	SK1820-2DL	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE103D2-GW-030717	SK1820-3DL	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE103D3-GW-030717	SK1820-4	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE104D1-GW-030717	SK1820-5	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE104D2-GW-030717	SK1820-6	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE104D3-GW-030717	SK1820-7	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE106D1-GW-030817	SK1820-13	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE106D2-GW-030817	SK1820-14	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE106D3-GW-030817	SK1820-15	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	TB01-WQ-030817	SK1820-1	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	TT101D1-GW-030817	SK1820-10	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	TT101D2-GW-030817	SK1820-11	Detects: J Non-detects: UJ
SK1820	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	TT101D-GW-030817	SK1820-9	Detects: J Non-detects: UJ
SK1888	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE120D1-GW-030917	SK1888-2DL	Detects: J Non-detects: UJ
SK1888	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE120D3-GW-030917	SK1888-4	Detects: J Non-detects: UJ
SK1888	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE123D1-GW-030917	SK1888-5	Detects: J Non-detects: UJ
SK1888	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE123D2-GW-030917	SK1888-6	Detects: J Non-detects: UJ

Table A-3
Initial Calibration Verification Non-Conformance

SDG	Method	Analyte	ICV ID	%R	Limit	Associated Samples	Lab ID	Qualifiers
SK1888	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	RE123D3-GW-030917	SK1888-7	Detects: J Non-detects: UJ
SK1888	8260C	Dichlorodifluoromethane	C1860A.D	**74.03**	80-120	TB02-WQ-030917	SK1888-1	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	TB03-WQ-031317	SK1997-1	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE131D1-GW-031017	SK1997-2	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE131D3-GW-031017	SK1997-4	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE126D1-GW-031017	SK1997-5	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE126D3-GW-031017	SK1997-7	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE122D3-GW-031317	SK1997-10	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE125D1-GW-031317	SK1997-11	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE125D3-GW-031317	SK1997-13	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE131D2-GW-031017	SK1997-3	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE126D2-GW-031017	SK1997-6	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	8260C	Chloroethane	S5232A.D	**121.02**	80-120	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	TB03-WQ-031317	SK1997-1	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE131D1-GW-031017	SK1997-2	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE131D3-GW-031017	SK1997-4	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE126D1-GW-031017	SK1997-5	Detects: J Non-detects: UJ

Table A-3
Initial Calibration Verification Non-Conformance

SDG	Method	Analyte	ICV ID	%R	Limit	Associated Samples	Lab ID	Qualifiers
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE126D3-GW-031017	SK1997-7	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE122D3-GW-031317	SK1997-10	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE125D1-GW-031317	SK1997-11	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE125D3-GW-031317	SK1997-13	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE131D2-GW-031017	SK1997-3	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE126D2-GW-031017	SK1997-6	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	8260C	Carbon Disulfide	S5232A.D	**123.81**	80-120	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	TB03-WQ-031317	SK1997-1	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE131D1-GW-031017	SK1997-2	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE131D3-GW-031017	SK1997-4	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE126D1-GW-031017	SK1997-5	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE126D3-GW-031017	SK1997-7	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE122D3-GW-031317	SK1997-10	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE125D1-GW-031317	SK1997-11	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE125D3-GW-031317	SK1997-13	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE131D2-GW-031017	SK1997-3	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE126D2-GW-031017	SK1997-6	Detects: J Non-detects: UJ

Table A-3 Initial Calibration Verification Non-Conformance								
SDG	**Method**	**Analyte**	**ICV ID**	**%R**	**Limit**	**Associated Samples**	**Lab ID**	**Qualifiers**
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	8260C	Acetone	S5232A.D	**137.04**	80-120	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	TB03-WQ-031317	SK1997-1	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE131D1-GW-031017	SK1997-2	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE131D3-GW-031017	SK1997-4	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE126D1-GW-031017	SK1997-5	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE126D3-GW-031017	SK1997-7	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE122D3-GW-031317	SK1997-10	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE125D1-GW-031317	SK1997-11	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE125D3-GW-031317	SK1997-13	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE131D2-GW-031017	SK1997-3	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE126D2-GW-031017	SK1997-6	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	8260C	Bromodichloromethane	S5232A.D	**123.87**	80-120	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	TB03-WQ-031317	SK1997-1	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE131D1-GW-031017	SK1997-2	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE131D3-GW-031017	SK1997-4	Detects: J Non-detects: UJ

Table A-3 Initial Calibration Verification Non-Conformance								
SDG	**Method**	**Analyte**	**ICV ID**	**%R**	**Limit**	**Associated Samples**	**Lab ID**	**Qualifiers**
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE126D1-GW-031017	SK1997-5	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE126D3-GW-031017	SK1997-7	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE122D3-GW-031317	SK1997-10	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE125D1-GW-031317	SK1997-11	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE125D3-GW-031317	SK1997-13	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE131D2-GW-031017	SK1997-3	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE126D2-GW-031017	SK1997-6	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	8260C	Dibromochloromethane	S5232A.D	**125.97**	80-120	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	TB03-WQ-031317	SK1997-1	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE131D1-GW-031017	SK1997-2	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE131D3-GW-031017	SK1997-4	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE126D1-GW-031017	SK1997-5	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE126D3-GW-031017	SK1997-7	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE122D3-GW-031317	SK1997-10	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE125D1-GW-031317	SK1997-11	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE125D3-GW-031317	SK1997-13	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE131D2-GW-031017	SK1997-3	Detects: J Non-detects: UJ

Table A-3
Initial Calibration Verification Non-Conformance

SDG	Method	Analyte	ICV ID	%R	Limit	Associated Samples	Lab ID	Qualifiers
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE126D2-GW-031017	SK1997-6	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	8260C	Bromoform	S5232A.D	**127.10**	80-120	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK2106	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	TB04-WQ-031617	SK2106-1	Detects: J Non-detects: UJ
SK2106	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	FB02-WQ-031617	SK2106-4	Detects: J Non-detects: UJ
SK2106	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	RE115D2-GW-031617	SK2106-3	Detects: J Non-detects: UJ
SK2106	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	RE108D1-GW-031617	SK2106-5	Detects: J Non-detects: UJ
SK2106	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	DUP02-GW-031617	SK2106-7	Detects: J Non-detects: UJ
SK2106	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	RE115D1-GW-031617	SK2106-2	Detects: J Non-detects: UJ
SK2106	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	RE108D2-GW-031617	SK2106-6DL	Detects: J Non-detects: UJ
SK2138	8260C	Dichlorodifluoromethane	D7242A.D	**73.85**	80-120	TB05-WQ-031717	SK2138-1	Detects: J Non-detects: UJ
SK2138	8260C	Dichlorodifluoromethane	D7242A.D	**73.85**	80-120	RE117D1-GW-031717	SK2138-4	Detects: J Non-detects: UJ
SK2138	8260C	Dichlorodifluoromethane	D7242A.D	**73.85**	80-120	RE117D2-GW-031717	SK2138-5	Detects: J Non-detects: UJ
SK2138	8260C	Dichlorodifluoromethane	D7242A.D	**73.85**	80-120	RE105D1-GW-031717	SK2138-2	Detects: J Non-detects: UJ
SK2138	8260C	Methyl Acetate	D7242A.D	**79.71**	80-120	TB05-WQ-031717	SK2138-1	Detects: J Non-detects: UJ
SK2138	8260C	Methyl Acetate	D7242A.D	**79.71**	80-120	RE117D1-GW-031717	SK2138-4	Detects: J Non-detects: UJ
SK2138	8260C	Methyl Acetate	D7242A.D	**79.71**	80-120	RE117D2-GW-031717	SK2138-5	Detects: J Non-detects: UJ
SK2138	8260C	Methyl Acetate	D7242A.D	**79.71**	80-120	RE105D1-GW-031717	SK2138-2	Detects: J Non-detects: UJ

Table A-3
Initial Calibration Verification Non-Conformance

SDG	Method	Analyte	ICV ID	%R	Limit	Associated Samples	Lab ID	Qualifiers
SK2138	8260C	Dichlorodifluoromethane	W8729A.D	**74.28**	80-120	RE105D2-GW-031717	SK2138-3	Detects: J Non-detects: UJ

Notes:

SDG = Sample delivery group
ICV = Initial calibration verification
ID = Identification
%R = Percent recovery
Bold = Outside the 80-120 control limit.
J = Estimated value; one or more quality control parameters for calibration were outside control limits.
UJ = Undetected and estimated; one or more quality control parameters for calibration were outside control limits.

Table A-4 Continuing Calibration Verification Non-Conformance							
SDG	**Lab ID/ Calibration ID**	**Analyte**	**%D**	**%D Limit**	**Associated Samples**	**Lab ID**	**Qualifiers**
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	TT101D-GW-030817	SK1820-9	Detects: J Non-detects: UJ
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	TT101D1-GW-030817	SK1820-10	Detects: J Non-detects: UJ
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	DUP01-GW-030817	SK1820-12	Detects: J Non-detects: UJ
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	RE106D1-GW-030817	SK1820-13	Detects: J Non-detects: UJ
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	RE106D2-GW-030817	SK1820-14	Detects: J Non-detects: UJ
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	RE103D1-GW-030717	SK1820-2DL	Detects: J Non-detects: UJ
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	RE103D2-GW-030717	SK1820-3DL	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Bromomethane	**30.53965**	+/- 20%	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Bromomethane	**30.53965**	+/- 20%	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Bromomethane	**30.53965**	+/- 20%	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Chloroethane	**35.06955**	+/- 20%	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Chloroethane	**35.06955**	+/- 20%	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Chloroethane	**35.06955**	+/- 20%	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Carbon Tetrachloride	**-20.70005**	+/- 20%	RE122D1-GW-031317	SK1997-8	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Carbon Tetrachloride	**-20.70005**	+/- 20%	RE125D2-GW-031317	SK1997-12	Detects: J Non-detects: UJ
SK1997	WG202040-4 GCMS-S	Carbon Tetrachloride	**-20.70005**	+/- 20%	RE122D2-GW-031317	SK1997-9DL2	Detects: J Non-detects: UJ
SK1820	WG201461-4 GCMS-C	Acetone	**-28.73561**	+/- 20%	TT101D-GW-030817	SK1820-9	Detects: J Non-detects: UJ

Table A-4
Continuing Calibration Verification Non-Conformance

Notes:

SDG	=	Sample delivery group
ID	=	Identification
%D	=	Percent difference
Bold	=	Outside the +/-20% control limit.
J	=	Estimated value; one or more quality control parameters for calibration were outside control limits.
UJ	=	Undetected and estimated; one or more quality control parameters for calibration were outside control limits.

Table A-5 Field Blank Non-Conformance							
SDG	**Blank**	**Lab Sample ID**	**Analyte**	**Blank Results (UG_L)**	**Associated Sample**	**Associated Samples LOQ**	**Detected Associated Sample Qualified U**
SK1820	FB01-WQ-030817	SK1820-8	ACETONE	30	DUP01-GW-030817 RE106D1-GW-030817 RE106D2-GW-030817 RE106D3-GW-030817 TT101D-GW-030817 TT101D1-GW-030817 TT101D2-GW-030817	5	DUP01-GW-030817 RE106D1-GW-030817 RE106D2-GW-030817 RE106D3-GW-030817 TT101D-GW-030817 TT101D1-GW-030817 TT101D2-GW-030817
SK1888	TB02-WQ-030917	SK1888-1	CARBON DISULFIDE	0.29	RE120D1-GW-030917 RE120D2-GW-030917 RE120D3-GW-030917 RE123D1-GW-030917 RE123D2-GW-030917 RE123D3-GW-030917 RE126D1-GW-031017 RE126D2-GW-031017 RE126D3-GW-031017 RE131D1-GW-031017 RE131D2-GW-031017 RE131D3-GW-031017	1	RE123D3-GW-030917

Notes:

SDG = Sample delivery group
ID = Identification
UG_L = Micrograms per liter
LOQ = Limit of quantitation
U = Associated samples qualified undetected "U" due to blank detections.

Table A-6 Surrogate Spike Recovery Non-Conformance							
SDG	**Sample ID**	**Laboratory ID**	**Batch**	**Surrogate**	**%R**	**Control Limit**	**Qualifier**
SK1888	RE120D2-GW-030917	SK1888-3	WG201653	1,2-Dichloroethane-D4	**122**	70-120	Detects: J

Notes:
SDG = Sample delivery group
ID = Identification
%R = Percent recovery
Bold = Outside the 70-120% control limits
J = Positive result qualified estimated and may be biased high.

Table A-7 Matrix Spike/Matrix Spike Duplicate Percent Recovery Non-Conformance								
SDG	**Method**	**Spiked Sample ID**	**Analyte**	**Sample Result (UG_L)**	**MS %R**	**MSD %R**	**%R Limit**	**Qualifier**
SK1820	8270D_SIM	TT101D2-GW-030817	1,4-Dioxane	5.2	85.3	**6.24**	10-90	J
SK2106	8270D_SIM	RE115D1-GW-031617	1,4-Dioxane	8.2	**9.36**	63.1	10-90	J

Notes:
SDG = Sample delivery group
ID = Identification
UG_L = Micrograms per liter
MS = Matrix spike
MSD = Matrix spike duplicate
%R = Percent recovery
SIM = Selective ion monitoring
Bold = %R outside the 10-90% control limits
J = Analyte in associated sample qualified estimated "J" because %R is lower than the control limit and may be biased low.

Table A-8
Laboratory Control Sample/Laboratory Control Sample Duplicate Percent Recovery Non-Conformance

SDG	Method	LCS	Batch	Analyte	%R	Limits	Associated Samples	Detected Associated Samples Qualified J
SK1820	8270D_SIM	WG201278-2	WG201278	1,4-Dioxane	94	**10-90**	DUP01-GW-030817 FB01-WQ-030817 RE103D1-GW-030717 RE103D2-GW-030717 RE103D3-GW-030717 RE104D1-GW-030717 RE104D2-GW-030717 RE104D3-GW-030717 RE106D1-GW-030817 RE106D2-GW-030817 RE106D3-GW-030817 TT101D-GW-030817 TT101D1-GW-030817 TT101D2-GW-030817	DUP01-GW-030817 RE103D1-GW-030717 RE103D2-GW-030717 RE103D3-GW-030717 RE104D1-GW-030717 RE104D2-GW-030717 RE106D1-GW-030817 RE106D2-GW-030817 RE106D3-GW-030817 TT101D-GW-030817 TT101D1-GW-030817 TT101D2-GW-030817
SK1820	8260C	WG201653-1	WG201653	Acetone	149	**40-140**	FB01-WQ-030817 RE106D3-GW-030817 TB01-WQ-030817 TT101D2-GW-030817	FB01-WQ-030817
SK1888	8260C	WG201653-1	WG201653	Acetone	149	**40-140**	RE120D1-GW-030917 RE120D2-GW-030917 RE120D3-GW-030917 RE123D1-GW-030917 RE123D2-GW-030917 RE123D3-GW-030917 TB02-WQ-030917	RE120D1-GW-030917 RE120D2-GW-030917 RE120D3-GW-030917 RE123D1-GW-030917 RE123D2-GW-030917 RE123D3-GW-030917

Notes:
SDG = Sample delivery group
%R = Percent recovery
SIM = Selective ion monitoring
Bold = %R outside of control limits
J = Analyte in associated sample qualified estimated "J" because %R is greater than the control limit and may be biased high.

Table A-9 Field Duplicate Non-Conformance										
Analyte	**Sample ID**	**Lab ID**	**Duplicate ID**	**Lab ID**	**Sample Result (UG_L)**	**LOQ**	**Duplicate Result (UG_L)**	**LOQ**	**RPD**	**Qualifier**
Acetone	RE108D1-GW-031617	SK2106-5	DUP02-GW-031617	SK2106-7	14	5	8.4	5	50	J-both

Notes:

ID = Identification
UG_L = Micrograms per liter
LOQ = Limit of quantitation
RPD = Relative percent difference
Bold = RPD outside of control limits
J = Analyte in associated sample qualified estimated "J" because RPD is outside of the control limit (≤30) and the result may be biased.

Attachment B
Qualified Results Summary during Data Review

Table B-1
Qualified Results Summary during Data Review

Method	Sample ID	Lab ID	Sample Date	DF	Analyte	Result	Units	Laboratory Qualifiers	Validator Qualifiers	Final Qualifiers	RC
8260C	DUP01-GW-030817	SK1820-12	3/8/2017	1	ACETONE	2.5	UG_L		UJ	UJ	bf,c
8260C	DUP01-GW-030817	SK1820-12	3/8/2017	1	DICHLORODIFLUOROMETHANE	1.5	UG_L	J	J	J	c
8270D_SIM	DUP01-GW-030817	SK1820-12DL	3/8/2017	2	1,4-DIOXANE	11	UG_L	L	J	J	l
8260C	FB01-WQ-030817	SK1820-8	3/8/2017	1	ACETONE	30	UG_L	L	J	J	l
8260C	FB01-WQ-030817	SK1820-8	3/8/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE103D1-GW-030717	SK1820-2DL	3/7/2017	2	ACETONE	6.9	UG_L	J	J	J	c
8260C	RE103D1-GW-030717	SK1820-2DL	3/7/2017	2	DICHLORODIFLUOROMETHANE	2	UG_L	U	J	UJ	c
8270D_SIM	RE103D1-GW-030717	SK1820-2DL	3/7/2017	2	1,4-DIOXANE	17	UG_L	L	J	J	l
8260C	RE103D2-GW-030717	SK1820-3DL	3/7/2017	2	ACETONE	5	UG_L	U	J	UJ	c
8260C	RE103D2-GW-030717	SK1820-3DL	3/7/2017	2	DICHLORODIFLUOROMETHANE	2	UG_L	U	J	UJ	c
8270D_SIM	RE103D2-GW-030717	SK1820-3	3/7/2017	1	1,4-DIOXANE	3.4	UG_L	L	J	J	l
8260C	RE103D3-GW-030717	SK1820-4	3/7/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8270D_SIM	RE103D3-GW-030717	SK1820-4	3/7/2017	1	1,4-DIOXANE	1	UG_L	L	J	J	l
8260C	RE104D1-GW-030717	SK1820-5	3/7/2017	1	DICHLORODIFLUOROMETHANE	0.34	UG_L	J	J	J	c
8270D_SIM	RE104D1-GW-030717	SK1820-5	3/7/2017	1	1,4-DIOXANE	9.6	UG_L	L	J	J	l
8260C	RE104D2-GW-030717	SK1820-6	3/7/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8270D_SIM	RE104D2-GW-030717	SK1820-6	3/7/2017	1	1,4-DIOXANE	0.38	UG_L	L	J	J	l
8260C	RE104D3-GW-030717	SK1820-7	3/7/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE106D1-GW-030817	SK1820-13	3/8/2017	1	ACETONE	2.5	UG_L		UJ	UJ	bf,c
8260C	RE106D1-GW-030817	SK1820-13	3/8/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8270D_SIM	RE106D1-GW-030817	SK1820-13DL	3/8/2017	2	1,4-DIOXANE	11	UG_L	L	J	J	l
8260C	RE106D2-GW-030817	SK1820-14	3/8/2017	1	ACETONE	2.5	UG_L		UJ	UJ	bf,c
8260C	RE106D2-GW-030817	SK1820-14	3/8/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8270D_SIM	RE106D2-GW-030817	SK1820-14DL	3/8/2017	3	1,4-DIOXANE	14	UG_L	L	J	J	l
8260C	RE106D3-GW-030817	SK1820-15	3/8/2017	1	ACETONE	2.5	UG_L	L	U	U	bf
8260C	RE106D3-GW-030817	SK1820-15	3/8/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8270D_SIM	RE106D3-GW-030817	SK1820-15DL	3/8/2017	3	1,4-DIOXANE	14	UG_L	L	J	J	l
8260C	TB01-WQ-030817	SK1820-1	3/8/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	TT101D1-GW-030817	SK1820-10	3/8/2017	1	ACETONE	2.5	UG_L		UJ	UJ	bf,c
8260C	TT101D1-GW-030817	SK1820-10	3/8/2017	1	DICHLORODIFLUOROMETHANE	1.3	UG_L	J	J	J	c
8270D_SIM	TT101D1-GW-030817	SK1820-10DL	3/8/2017	2	1,4-DIOXANE	10	UG_L	L	J	J	l
8260C	TT101D2-GW-030817	SK1820-11	3/8/2017	1	ACETONE	2.5	UG_L	L	U	U	bf
8260C	TT101D2-GW-030817	SK1820-11	3/8/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8270D_SIM	TT101D2-GW-030817	SK1820-11	3/8/2017	1	1,4-DIOXANE	5.2	UG_L	L	J	J	l,m
8260C	TT101D-GW-030817	SK1820-9	3/8/2017	1	ACETONE	2.5	UG_L		UJ	UJ	bf,c
8260C	TT101D-GW-030817	SK1820-9	3/8/2017	1	DICHLORODIFLUOROMETHANE	2	UG_L		J	J	c
8270D_SIM	TT101D-GW-030817	SK1820-9DL	3/8/2017	2	1,4-DIOXANE	9.7	UG_L	L	J	J	l
8260C	RE120D1-GW-030917	SK1888-2DL	3/9/2017	2	ACETONE	12	UG_L	L	J	J	l

Table B-1
Qualified Results Summary during Data Review

Method	Sample ID	Lab ID	Sample Date	DF	Analyte	Result	Units	Laboratory Qualifiers	Validator Qualifiers	Final Qualifiers	RC
8260C	RE120D1-GW-030917	SK1888-2DL	3/9/2017	2	DICHLORODIFLUOROMETHANE	2	UG_L	U	J	UJ	c
8260C	RE120D2-GW-030917	SK1888-3	3/9/2017	1	CARBON TETRACHLORIDE	0.38	UG_L	J	J	J	s
8260C	RE120D2-GW-030917	SK1888-3	3/9/2017	1	ACETONE	7.6	UG_L	L	J	J	l
8260C	RE120D2-GW-030917	SK1888-3	3/9/2017	1	1,1-DICHLOROETHANE	0.94	UG_L	J	J	J	s
8260C	RE120D2-GW-030917	SK1888-3	3/9/2017	1	DICHLORODIFLUOROMETHANE	0.34	UG_L	J	J	J	s,c
8260C	RE120D2-GW-030917	SK1888-3	3/9/2017	1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	19	UG_L		J	J	s
8260C	RE120D2-GW-030917	SK1888-3	3/9/2017	1	1,1,2-TRICHLOROETHANE	0.48	UG_L	J	J	J	s
8260C	RE120D3-GW-030917	SK1888-4	3/9/2017	1	ACETONE	12	UG_L	L	J	J	l
8260C	RE120D3-GW-030917	SK1888-4	3/9/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE123D1-GW-030917	SK1888-5	3/9/2017	1	ACETONE	14	UG_L	L	J	J	l
8260C	RE123D1-GW-030917	SK1888-5	3/9/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE123D2-GW-030917	SK1888-6	3/9/2017	1	ACETONE	6.9	UG_L	L	J	J	l
8260C	RE123D2-GW-030917	SK1888-6	3/9/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE123D3-GW-030917	SK1888-7	3/9/2017	1	ACETONE	7.2	UG_L	L	J	J	l
8260C	RE123D3-GW-030917	SK1888-7	3/9/2017	1	CARBON DISULFIDE	0.5	UG_L	J	U	U	bt
8260C	RE123D3-GW-030917	SK1888-7	3/9/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	TB02-WQ-030917	SK1888-1	3/9/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	CARBON TETRACHLORIDE	0.5	UG_L	U	J	UJ	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	ACETONE	17	UG_L		J	J	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	BROMOMETHANE	1	UG_L	U	J	UJ	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	U	J	UJ	c
8260C	RE122D1-GW-031317	SK1997-8	3/13/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	CARBON TETRACHLORIDE	5	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	ACETONE	25	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	BROMOMETHANE	10	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	CHLOROETHANE	10	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	CARBON DISULFIDE	5	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	BROMOFORM	5	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	BROMODICHLOROMETHANE	5	UG_L	U	J	UJ	c
8260C	RE122D2-GW-031317	SK1997-9DL2	3/13/2017	10	DICHLORODIFLUOROMETHANE	10	UG_L	U	J	UJ	c
8260C	RE122D3-GW-031317	SK1997-10	3/13/2017	1	ACETONE	9.3	UG_L		J	J	c
8260C	RE122D3-GW-031317	SK1997-10	3/13/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE122D3-GW-031317	SK1997-10	3/13/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE122D3-GW-031317	SK1997-10	3/13/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE122D3-GW-031317	SK1997-10	3/13/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c

Table B-1
Qualified Results Summary during Data Review

Method	Sample ID	Lab ID	Sample Date	DF	Analyte	Result	Units	Laboratory Qualifiers	Validator Qualifiers	Final Qualifiers	RC
8260C	RE122D3-GW-031317	SK1997-10	3/13/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE125D1-GW-031317	SK1997-11	3/13/2017	1	ACETONE	9.3	UG_L		J	J	c
8260C	RE125D1-GW-031317	SK1997-11	3/13/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE125D1-GW-031317	SK1997-11	3/13/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE125D1-GW-031317	SK1997-11	3/13/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE125D1-GW-031317	SK1997-11	3/13/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	RE125D1-GW-031317	SK1997-11	3/13/2017	1	DICHLORODIFLUOROMETHANE	0.42	UG_L	J	J	J	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	CARBON TETRACHLORIDE	0.5	UG_L	U	J	UJ	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	ACETONE	8	UG_L		J	J	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	BROMOMETHANE	1	UG_L	U	J	UJ	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	U	J	UJ	c
8260C	RE125D2-GW-031317	SK1997-12	3/13/2017	1	DICHLORODIFLUOROMETHANE	0.59	UG_L	J	J	J	c
8260C	RE125D3-GW-031317	SK1997-13	3/13/2017	1	ACETONE	11	UG_L		J	J	c
8260C	RE125D3-GW-031317	SK1997-13	3/13/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE125D3-GW-031317	SK1997-13	3/13/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE125D3-GW-031317	SK1997-13	3/13/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE125D3-GW-031317	SK1997-13	3/13/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	RE125D3-GW-031317	SK1997-13	3/13/2017	1	DICHLORODIFLUOROMETHANE	0.31	UG_L	J	J	J	c
8260C	RE126D1-GW-031017	SK1997-5	3/10/2017	1	ACETONE	15	UG_L		J	J	c
8260C	RE126D1-GW-031017	SK1997-5	3/10/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE126D1-GW-031017	SK1997-5	3/10/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE126D1-GW-031017	SK1997-5	3/10/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE126D1-GW-031017	SK1997-5	3/10/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	RE126D1-GW-031017	SK1997-5	3/10/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE126D2-GW-031017	SK1997-6	3/10/2017	1	ACETONE	9.9	UG_L		J	J	c
8260C	RE126D2-GW-031017	SK1997-6	3/10/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE126D2-GW-031017	SK1997-6	3/10/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE126D2-GW-031017	SK1997-6	3/10/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE126D2-GW-031017	SK1997-6	3/10/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	RE126D2-GW-031017	SK1997-6	3/10/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE126D3-GW-031017	SK1997-7	3/10/2017	1	ACETONE	16	UG_L		J	J	c
8260C	RE126D3-GW-031017	SK1997-7	3/10/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE126D3-GW-031017	SK1997-7	3/10/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE126D3-GW-031017	SK1997-7	3/10/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE126D3-GW-031017	SK1997-7	3/10/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c

Table B-1
Qualified Results Summary during Data Review

Method	Sample ID	Lab ID	Sample Date	DF	Analyte	Result	Units	Laboratory Qualifiers	Validator Qualifiers	Final Qualifiers	RC
8260C	RE126D3-GW-031017	SK1997-7	3/10/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8270D_SIM	RE126D3-GW-031017	SK1997-7RE	3/10/2017	1	1,4-DIOXANE	1.5	UG_L		J	J	h
8260C	RE131D1-GW-031017	SK1997-2	3/10/2017	1	ACETONE	12	UG_L		J	J	c
8260C	RE131D1-GW-031017	SK1997-2	3/10/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE131D1-GW-031017	SK1997-2	3/10/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE131D1-GW-031017	SK1997-2	3/10/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE131D1-GW-031017	SK1997-2	3/10/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	RE131D1-GW-031017	SK1997-2	3/10/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE131D2-GW-031017	SK1997-3	3/10/2017	1	ACETONE	15	UG_L		J	J	c
8260C	RE131D2-GW-031017	SK1997-3	3/10/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE131D2-GW-031017	SK1997-3	3/10/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE131D2-GW-031017	SK1997-3	3/10/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE131D2-GW-031017	SK1997-3	3/10/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	RE131D2-GW-031017	SK1997-3	3/10/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE131D3-GW-031017	SK1997-4	3/10/2017	1	ACETONE	5.6	UG_L		J	J	c
8260C	RE131D3-GW-031017	SK1997-4	3/10/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	RE131D3-GW-031017	SK1997-4	3/10/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	RE131D3-GW-031017	SK1997-4	3/10/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	RE131D3-GW-031017	SK1997-4	3/10/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	RE131D3-GW-031017	SK1997-4	3/10/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	TB03-WQ-031317	SK1997-1	3/13/2017	1	ACETONE	2.5	UG_L	U	J	UJ	c
8260C	TB03-WQ-031317	SK1997-1	3/13/2017	1	CHLOROETHANE	1	UG_L	U	J	UJ	c
8260C	TB03-WQ-031317	SK1997-1	3/13/2017	1	CARBON DISULFIDE	0.5	UG_L	U	J	UJ	c
8260C	TB03-WQ-031317	SK1997-1	3/13/2017	1	BROMOFORM	0.5	UG_L	U	J	UJ	c
8260C	TB03-WQ-031317	SK1997-1	3/13/2017	1	BROMODICHLOROMETHANE	0.5	UG_L	UL	J	UJ	c
8260C	TB03-WQ-031317	SK1997-1	3/13/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	DUP02-GW-031617	SK2106-7	3/16/2017	1	ACETONE	8.4	UG_L		J	J	fd
8260C	DUP02-GW-031617	SK2106-7	3/16/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	FB02-WQ-031617	SK2106-4	3/16/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE108D1-GW-031617	SK2106-5	3/16/2017	1	ACETONE	14	UG_L		J	J	fd
8260C	RE108D1-GW-031617	SK2106-5	3/16/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE108D2-GW-031617	SK2106-6DL	3/16/2017	5	DICHLORODIFLUOROMETHANE	5	UG_L	U	J	UJ	c
8260C	RE115D1-GW-031617	SK2106-2	3/16/2017	1	DICHLORODIFLUOROMETHANE	1.4	UG_L	J	J	J	c
8270D_SIM	RE115D1-GW-031617	SK2106-2	3/16/2017	1	1,4-DIOXANE	8.2	UG_L	M	J	J	m
8260C	RE115D2-GW-031617	SK2106-3	3/16/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	TB04-WQ-031617	SK2106-1	3/16/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE105D1-GW-031717	SK2138-2	3/17/2017	1	BROMOMETHANE	1	UG_L	U	J	UJ	c
8260C	RE105D1-GW-031717	SK2138-2	3/17/2017	1	DICHLORODIFLUOROMETHANE	0.43	UG_L	J	J	J	c

Table B-1
Qualified Results Summary during Data Review

Method	Sample ID	Lab ID	Sample Date	DF	Analyte	Result	Units	Laboratory Qualifiers	Validator Qualifiers	Final Qualifiers	RC
8260C	RE105D1-GW-031717	SK2138-2	3/17/2017	1	METHYL ACETATE	0.75	UG_L	U	J	UJ	c
8260C	RE105D2-GW-031717	SK2138-3	3/17/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE117D1-GW-031717	SK2138-4	3/17/2017	1	BROMOMETHANE	1	UG_L	U	J	UJ	c
8260C	RE117D1-GW-031717	SK2138-4	3/17/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE117D1-GW-031717	SK2138-4	3/17/2017	1	METHYL ACETATE	0.75	UG_L	U	J	UJ	c
8260C	RE117D2-GW-031717	SK2138-5	3/17/2017	1	BROMOMETHANE	1	UG_L	U	J	UJ	c
8260C	RE117D2-GW-031717	SK2138-5	3/17/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	RE117D2-GW-031717	SK2138-5	3/17/2017	1	METHYL ACETATE	0.75	UG_L	U	J	UJ	c
8260C	TB05-WQ-031717	SK2138-1	3/17/2017	1	BROMOMETHANE	1	UG_L	U	J	UJ	c
8260C	TB05-WQ-031717	SK2138-1	3/17/2017	1	DICHLORODIFLUOROMETHANE	1	UG_L	U	J	UJ	c
8260C	TB05-WQ-031717	SK2138-1	3/17/2017	1	METHYL ACETATE	0.75	UG_L	U	J	UJ	c

Notes:
ID = Identification
DF = Dilution factor
RC = Reason code
UG_L = Micrograms per liter
U = ***Undetected*** — The analyte was analyzed but undetected or was qualified as undetected during data review due to blank artifacts.
J = ***Estimated Value*** — One or more quality control parameters were outside control limits or the analyte concentration was less than the limit of quantitation.
UJ = ***Undetected and Estimated*** — The analyte was analyzed but undetected and was estimated because of a quality control outlier.
M = Indicates that the analyte was outside of the control limits in the matrix spike/matrix spike duplicate prepared and/or analyzed concurrently with the native sample (laboratory qualifier).
L = Indicates that the analyte was outside of control limits in the lab control sample/lab control sample duplicate and/or analyzed concurrently with the native sample (laboratory qualifier).
UL = Indicates that the analyte was analyzed but undetected and outside of control limits in the lab control sample/lab control sample duplicate (laboratory qualifier).

Qualification Reason Codes (multiple reason codes may be applied):
bf = Field blank contamination
bl = Lab blank contamination
bt = Trip blank contamination
c = Calibration issue
fd = Field duplicate relative percent difference
h = Holding time
l = Laboratory control sample recovery
m = Matrix spike/matrix spike duplicate percent recovery
s = Surrogate spike percent recovery