

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-01	C1S1-01	C1S1-01	C1S1-02	C1S1-02
Field Sample Identifier		SO-H-C1S1-01-A	SO-H-C1S1-01-B	SO-H-C1S1-01-C	SO-H-C1S1-02-A	SO-H-C1S1-02-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/20/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		R	0.044 J		
PLUTONIUM-239	PCI/G		R	0.106		
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

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TABLE D-1
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NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-02	C1S1-03	C1S1-03	C1S1-03	C1S1-04
Field Sample Identifier		SO-H-C1S1-02-C	SO-H-C1S1-03-A	SO-H-C1S1-03-B	SO-H-C1S1-03-C	SO-H-C1S1-04-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/20/18	12/19/18	12/19/18	12/19/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R		
PLUTONIUM-239	PCI/G			R		
STRONTIUM-90	PCI/G					

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TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-04	C1S1-04	C1S1-05	C1S1-05	C1S1-05
Field Sample Identifier		SO-H-C1S1-04-B	SO-H-C1S1-04-C	SO-H-C1S1-05-A	SO-H-C1S1-05-B	SO-H-C1S1-05-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/20/18	12/20/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G				R	
PLUTONIUM-239	PCI/G				R	
STRONTIUM-90	PCI/G					

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TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-06	C1S1-06	C1S1-06	C1S1-06	C1S1-06
Field Sample Identifier		SO-H-C1S1-06-A	SO-H-C1S1-06-A-D	SO-H-C1S1-06-B	SO-H-C1S1-06-B-D	SO-H-C1S1-06-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.0-0.5	0.5-1.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units		Field Duplicate		Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R			R	
PLUTONIUM-239	PCI/G	R			R	
STRONTIUM-90	PCI/G					

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TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-06	C1S1-07	C1S1-07	C1S1-07	C1S1-08
Field Sample Identifier		SO-H-C1S1-06-C-D	SO-H-C1S1-07-A	SO-H-C1S1-07-B	SO-H-C1S1-07-C	SO-H-C1S1-08-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/20/18	12/20/18	12/20/18	12/20/18
Parameter	Units	Field Duplicate				
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R		
PLUTONIUM-239	PCI/G			R		
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-08	C1S1-08	C1S1-09	C1S1-09	C1S1-09
Field Sample Identifier		SO-H-C1S1-08-B	SO-H-C1S1-08-C	SO-H-C1S1-09-A	SO-H-C1S1-09-B	SO-H-C1S1-09-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/20/18	12/20/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					R
PLUTONIUM-239	PCI/G					R
STRONTIUM-90	PCI/G					

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TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-10	C1S1-10	C1S1-10	C1S1-11	C1S1-11
Field Sample Identifier		SO-H-C1S1-10-A	SO-H-C1S1-10-B	SO-H-C1S1-10-C	SO-H-C1S1-11-A	SO-H-C1S1-11-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		0.519		R	R
PLUTONIUM-239	PCI/G		1.242		R	R
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-11	C1S1-12	C1S1-12	C1S1-12	C1S1-13
Field Sample Identifier		SO-H-C1S1-11-C	SO-H-C1S1-12-A	SO-H-C1S1-12-B	SO-H-C1S1-12-C	SO-H-C1S1-13-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R		
PLUTONIUM-239	PCI/G			R		
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-13	C1S1-13	C1S1-13	C1S1-13	C1S1-13
Field Sample Identifier		SO-H-C1S1-13-A-D	SO-H-C1S1-13-B	SO-H-C1S1-13-B-D	SO-H-C1S1-13-C	SO-H-C1S1-13-C-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	0.5-1.5	1.5-2.5	1.5-2.5
Date of Sample		12/20/18	12/20/18	12/20/18	12/20/18	12/20/18
Parameter	Units	Field Duplicate		Field Duplicate		Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R				R
PLUTONIUM-239	PCI/G	R			0.029	R
STRONTIUM-90	PCI/G					

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TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S1-14	C1S1-14	C1S1-14	C1S2-01	C1S2-01
Field Sample Identifier		SO-H-C1S1-14-A	SO-H-C1S1-14-B	SO-H-C1S1-14-C	SO-H-C1S2-01-A	SO-H-C1S2-01-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R			0.71 J-	
PLUTONIUM-239	PCI/G	R			0.531 J-	
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-01	C1S2-02	C1S2-02	C1S2-02	C1S2-03
Field Sample Identifier		SO-H-C1S2-01-C	SO-H-C1S2-02-A	SO-H-C1S2-02-B	SO-H-C1S2-02-C	SO-H-C1S2-03-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	4.0-5.0	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/21/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			4.43 J-		
PLUTONIUM-239	PCI/G			9.116 J-		
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-03	C1S2-03	C1S2-04	C1S2-04	C1S2-04
Field Sample Identifier		SO-H-C1S2-03-B	SO-H-C1S2-03-C	SO-H-C1S2-04-A	SO-H-C1S2-04-A-D	SO-H-C1S2-04-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5
Date of Sample		12/21/18	12/21/18	12/21/18	12/21/18	12/21/18
Parameter	Units				Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G				R	
PLUTONIUM-239	PCI/G				R	
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-04	C1S2-04	C1S2-04	C1S2-05	C1S2-05
Field Sample Identifier		SO-H-C1S2-04-B-D	SO-H-C1S2-04-C	SO-H-C1S2-04-C-D	SO-H-C1S2-05-A	SO-H-C1S2-05-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/21/18	12/21/18	12/21/18	12/19/18	12/19/18
Parameter	Units	Field Duplicate		Field Duplicate		
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					0.319
STRONTIUM-90	PCI/G					

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NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-05	C1S2-06	C1S2-06	C1S2-06	C1S2-07
Field Sample Identifier		SO-H-C1S2-05-C	SO-H-C1S2-06-A	SO-H-C1S2-06-B	SO-H-C1S2-06-C	SO-H-C1S2-07-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/21/18	12/21/18	12/21/18	12/21/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R	R			
PLUTONIUM-239	PCI/G	R	R			
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-07	C1S2-07	C1S2-08	C1S2-08	C1S2-08
Field Sample Identifier		SO-H-C1S2-07-B	SO-H-C1S2-07-C	SO-H-C1S2-08-A	SO-H-C1S2-08-B	SO-H-C1S2-08-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/21/18	12/21/18	01/23/19	01/23/19	01/23/19
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R	R			
PLUTONIUM-239	PCI/G	R	R			
STRONTIUM-90	PCI/G					

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KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-09	C1S2-09	C1S2-09	C1S2-10	C1S2-10
Field Sample Identifier		SO-H-C1S2-09-A	SO-H-C1S2-09-B	SO-H-C1S2-09-C	SO-H-C1S2-10-A	SO-H-C1S2-10-A-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.0-0.5
Date of Sample		12/21/18	12/21/18	12/21/18	12/16/18	12/16/18
Parameter	Units					Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

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NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-10	C1S2-10	C1S2-10	C1S2-10	C1S2-11
Field Sample Identifier		SO-H-C1S2-10-B	SO-H-C1S2-10-B-D	SO-H-C1S2-10-C	SO-H-C1S2-10-C-D	SO-H-C1S2-11-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5
Date of Sample		12/16/18	12/16/18	12/16/18	12/16/18	01/23/19
Parameter	Units		Field Duplicate		Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

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NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-11	C1S2-11	C1S2-12	C1S2-12	C1S2-12
Field Sample Identifier		SO-H-C1S2-11-B	SO-H-C1S2-11-C	SO-H-C1S2-12-A	SO-H-C1S2-12-B	SO-H-C1S2-12-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		01/23/19	01/23/19	12/21/18	12/21/18	12/21/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R	R	
PLUTONIUM-239	PCI/G			R	R	
STRONTIUM-90	PCI/G					

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NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-13	C1S2-13	C1S2-13	C1S2-14	C1S2-14
Field Sample Identifier		SO-H-C1S2-13-A	SO-H-C1S2-13-B	SO-H-C1S2-13-C	SO-H-C1S2-14-A	SO-H-C1S2-14-A-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		R			
PLUTONIUM-239	PCI/G		R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-14	C1S2-14	C1S2-14	C1S2-14	C1S2-15
Field Sample Identifier		SO-H-C1S2-14-B	SO-H-C1S2-14-B-D	SO-H-C1S2-14-C	SO-H-C1S2-14-C-D	SO-H-C1S2-15-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/20/18
Parameter	Units		Field Duplicate		Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-15	C1S2-15	C1S2-16	C1S2-16	C1S2-16
Field Sample Identifier		SO-H-C1S2-15-B	SO-H-C1S2-15-C	SO-H-C1S2-16-A	SO-H-C1S2-16-A-D	SO-H-C1S2-16-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5
Date of Sample		12/20/18	12/20/18	12/19/18	12/19/18	12/19/18
Parameter	Units				Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G			0.203		
PLUTONIUM-238	PCI/G		R			
PLUTONIUM-239	PCI/G		R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S2-16	C1S2-16	C1S2-16	C1S3-01	C1S3-01
Field Sample Identifier		SO-H-C1S2-16-B-D	SO-H-C1S2-16-C	SO-H-C1S2-16-C-D	SO-H-C1S3-01-A	SO-H-C1S3-01-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units	Field Duplicate		Field Duplicate		
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R		R		R
PLUTONIUM-239	PCI/G	R		R		R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-01	C1S3-02	C1S3-02	C1S3-02	C1S3-02
Field Sample Identifier		SO-H-C1S3-01-C	SO-H-C1S3-02-A	SO-H-C1S3-02-A-D	SO-H-C1S3-02-B	SO-H-C1S3-02-B-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		2.0-3.0	0.0-0.5	0.0-0.5	0.5-1.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units			Field Duplicate		Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R		
PLUTONIUM-239	PCI/G			R		
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-02	C1S3-02	C1S3-03	C1S3-03	C1S3-03
Field Sample Identifier		SO-H-C1S3-02-C	SO-H-C1S3-02-C-D	SO-H-C1S3-03-A	SO-H-C1S3-03-B	SO-H-C1S3-03-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units		Field Duplicate			
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	0.175				R
PLUTONIUM-239	PCI/G	0.375				R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-04	C1S3-04	C1S3-04	C1S3-05	C1S3-05
Field Sample Identifier		SO-H-C1S3-04-A	SO-H-C1S3-04-B	SO-H-C1S3-04-C	SO-H-C1S3-05-A	SO-H-C1S3-05-A-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G				R	
PLUTONIUM-239	PCI/G				R	
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-05	C1S3-05	C1S3-05	C1S3-05	C1S3-06
Field Sample Identifier		SO-H-C1S3-05-B	SO-H-C1S3-05-B-D	SO-H-C1S3-05-C	SO-H-C1S3-05-C-D	SO-H-C1S3-06-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units		Field Duplicate		Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		R			R
PLUTONIUM-239	PCI/G		R			R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-06	C1S3-06	C1S3-07	C1S3-07	C1S3-07
Field Sample Identifier		SO-H-C1S3-06-B	SO-H-C1S3-06-C	SO-H-C1S3-07-A	SO-H-C1S3-07-B	SO-H-C1S3-07-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R	R	R		R
PLUTONIUM-239	PCI/G	R	R	R		R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-08	C1S3-08	C1S3-08	C1S3-09	C1S3-09
Field Sample Identifier		SO-H-C1S3-08-A	SO-H-C1S3-08-B	SO-H-C1S3-08-C	SO-H-C1S3-09-A	SO-H-C1S3-09-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R	R			R
PLUTONIUM-239	PCI/G	R	R			R
STRONTIUM-90	PCI/G					1.275

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-09	C1S3-10	C1S3-10	C1S3-10	C1S3-10
Field Sample Identifier		SO-H-C1S3-09-C	SO-H-C1S3-10-A	SO-H-C1S3-10-A-D	SO-H-C1S3-10-B	SO-H-C1S3-10-B-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units			Field Duplicate		Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R		R	R	R
PLUTONIUM-239	PCI/G	R		R	R	R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-10	C1S3-10	C1S3-11	C1S3-11	C1S3-11
Field Sample Identifier		SO-H-C1S3-10-C	SO-H-C1S3-10-C-D	SO-H-C1S3-11-A	SO-H-C1S3-11-B	SO-H-C1S3-11-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units		Field Duplicate			
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			0.003 J-	R	R
PLUTONIUM-239	PCI/G				R	R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-12	C1S3-12	C1S3-12	C1S3-13	C1S3-13
Field Sample Identifier		SO-H-C1S3-12-A	SO-H-C1S3-12-B	SO-H-C1S3-12-C	SO-H-C1S3-13-A	SO-H-C1S3-13-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					0.086
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-13	C1S3-14	C1S3-14	C1S3-14	C1S3-14
Field Sample Identifier		SO-H-C1S3-13-C	SO-H-C1S3-14-A	SO-H-C1S3-14-A-D	SO-H-C1S3-14-B	SO-H-C1S3-14-B-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5	0.5-1.5
Date of Sample		12/19/18	12/21/18	12/21/18	12/21/18	12/21/18
Parameter	Units			Field Duplicate		Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		R			
PLUTONIUM-239	PCI/G		R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S3-14	C1S3-14	C1S4-01	C1S4-01	C1S4-01
Field Sample Identifier		SO-H-C1S3-14-C	SO-H-C1S3-14-C-D	SO-H-C1S4-01-A	SO-H-C1S4-01-B	SO-H-C1S4-01-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/21/18	12/21/18	12/19/18	12/19/18	12/19/18
Parameter	Units		Field Duplicate			
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R				
PLUTONIUM-239	PCI/G	R		0.076	0.037	
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-02	C1S4-02	C1S4-02	C1S4-03	C1S4-03
Field Sample Identifier		SO-H-C1S4-02-A	SO-H-C1S4-02-B	SO-H-C1S4-02-C	SO-H-C1S4-03-A	SO-H-C1S4-03-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R	R			
PLUTONIUM-239	PCI/G	R	R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-03	C1S4-04	C1S4-04	C1S4-04	C1S4-04
Field Sample Identifier		SO-H-C1S4-03-C	SO-H-C1S4-04-A	SO-H-C1S4-04-A-D	SO-H-C1S4-04-B	SO-H-C1S4-04-B-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units			Field Duplicate		Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R		
PLUTONIUM-239	PCI/G			R		
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-04	C1S4-04	C1S4-05	C1S4-05	C1S4-05
Field Sample Identifier		SO-H-C1S4-04-C	SO-H-C1S4-04-C-D	SO-H-C1S4-05-A	SO-H-C1S4-05-A-D	SO-H-C1S4-05-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units		Field Duplicate		Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R		R
PLUTONIUM-239	PCI/G			R		R
STRONTIUM-90	PCI/G		0.305			

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-05	C1S4-05	C1S4-05	C1S4-06	C1S4-06
Field Sample Identifier		SO-H-C1S4-05-B-D	SO-H-C1S4-05-C	SO-H-C1S4-05-C-D	SO-H-C1S4-06-A	SO-H-C1S4-06-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units	Field Duplicate		Field Duplicate		
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	0.101	0.137			
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-06	C1S4-07	C1S4-07	C1S4-07	C1S4-08
Field Sample Identifier		SO-H-C1S4-06-C	SO-H-C1S4-07-A	SO-H-C1S4-07-B	SO-H-C1S4-07-C	SO-H-C1S4-08-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		R			
PLUTONIUM-239	PCI/G		R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-08	C1S4-08	C1S4-09	C1S4-09	C1S4-09
Field Sample Identifier		SO-H-C1S4-08-B	SO-H-C1S4-08-C	SO-H-C1S4-09-A	SO-H-C1S4-09-A-D	SO-H-C1S4-09-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units				Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			R	R	
PLUTONIUM-239	PCI/G			R	R	
STRONTIUM-90	PCI/G				0.342	

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-09	C1S4-09	C1S4-09	C1S4-10	C1S4-10
Field Sample Identifier		SO-H-C1S4-09-B-D	SO-H-C1S4-09-C	SO-H-C1S4-09-C-D	SO-H-C1S4-10-A	SO-H-C1S4-10-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units	Field Duplicate		Field Duplicate		
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R	R	R		
PLUTONIUM-239	PCI/G	R	R	R		
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-10	C1S4-11	C1S4-11	C1S4-11	C1S4-12
Field Sample Identifier		SO-H-C1S4-10-C	SO-H-C1S4-11-A	SO-H-C1S4-11-B	SO-H-C1S4-11-C	SO-H-C1S4-12-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R	R	R	R	
PLUTONIUM-239	PCI/G	R	R	R	R	
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-12	C1S4-12	C1S4-13	C1S4-13	C1S4-13
Field Sample Identifier		SO-H-C1S4-12-B	SO-H-C1S4-12-C	SO-H-C1S4-13-A	SO-H-C1S4-13-B	SO-H-C1S4-13-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/20/18	12/20/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R				
PLUTONIUM-239	PCI/G	R				
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1S4-14	C1S4-14	C1S4-14	C2-01	C2-01
Field Sample Identifier		SO-H-C1S4-14-A	SO-H-C1S4-14-B	SO-H-C1S4-14-C	SO-H-C2-01-A	SO-H-C2-01-A-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.0-0.5
Date of Sample		12/20/18	12/20/18	12/20/18	12/19/18	12/19/18
Parameter	Units					Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G				0.225	0.155
PLUTONIUM-238	PCI/G		R			
PLUTONIUM-239	PCI/G		R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-01	C2-01	C2-01	C2-01	C2-02
Field Sample Identifier		SO-H-C2-01-B	SO-H-C2-01-B-D	SO-H-C2-01-C	SO-H-C2-01-C-D	SO-H-C2-02-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	0.5-1.5	1.5-2.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units		Field Duplicate		Field Duplicate	
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					0.035 J
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-02	C2-02	C2-03	C2-03	C2-03
Field Sample Identifier		SO-H-C2-02-B	SO-H-C2-02-C	SO-H-C2-03-A	SO-H-C2-03-B	SO-H-C2-03-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R			R	
PLUTONIUM-239	PCI/G	R			R	
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-04	C2-04	C2-04	C2-05	C2-05
Field Sample Identifier		SO-H-C2-04-A	SO-H-C2-04-B	SO-H-C2-04-C	SO-H-C2-05-A	SO-H-C2-05-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G				0.154	
PLUTONIUM-238	PCI/G					R
PLUTONIUM-239	PCI/G					R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-05	C2-06	C2-06	C2-06	C2-07
Field Sample Identifier		SO-H-C2-05-C	SO-H-C2-06-A	SO-H-C2-06-B	SO-H-C2-06-C	SO-H-C2-07-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R				R
PLUTONIUM-239	PCI/G	R				R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-07	C2-07	C2-08	C2-08	C2-08
Field Sample Identifier		SO-H-C2-07-B	SO-H-C2-07-C	SO-H-C2-08-A	SO-H-C2-08-B	SO-H-C2-08-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	3.5-4.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/20/18	12/20/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G		0.176			0.109
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-09	C2-09	C2-09	C2-10	C2-10
Field Sample Identifier		SO-H-C2-09-A	SO-H-C2-09-B	SO-H-C2-09-C	SO-H-C2-10-A	SO-H-C2-10-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/20/18	12/20/18	12/20/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G	0.241			0.205	
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-10	C2-11	C2-11	C2-11	C2-12
Field Sample Identifier		SO-H-C2-10-C	SO-H-C2-11-A	SO-H-C2-11-B	SO-H-C2-11-C	SO-H-C2-12-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	2.5-3.5	0.0-0.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G		0.27			
PLUTONIUM-238	PCI/G		0.081			R
PLUTONIUM-239	PCI/G		0.122			R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-12	C2-12	C2-13	C2-13	C2-13
Field Sample Identifier		SO-H-C2-12-B	SO-H-C2-12-C	SO-H-C2-13-A	SO-H-C2-13-B	SO-H-C2-13-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/20/18	12/20/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G		0.107			
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-14	C2-14	C2-14	C2-15	C2-15
Field Sample Identifier		SO-H-C2-14-A	SO-H-C2-14-B	SO-H-C2-14-C	SO-H-C2-15-A	SO-H-C2-15-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/20/18	12/20/18	12/20/18	12/20/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G	0.145			0.183	
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-15	C2-16	C2-16	C2-16	C2-17
Field Sample Identifier		SO-H-C2-15-C	SO-H-C2-16-A	SO-H-C2-16-B	SO-H-C2-16-C	SO-H-C2-17-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/20/18	12/20/18	12/20/18	12/20/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G		0.188			
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C2-17	C2-17	CP-01	CP-01	CP-01
Field Sample Identifier		SO-H-C2-17-B	SO-H-C2-17-C	SO-H-CP01-A	SO-H-CP01-B	SO-H-CP01-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G		0.034			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		CP-02	CP-02	CP-02	HOTSPOT-01	HOTSPOT-01
Field Sample Identifier		SO-H-CP02-A	SO-H-CP02-B	SO-H-CP02-C	SO-H-HTSP-01A-A	SO-H-HTSP-01A-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/19/18	12/19/18	12/19/18	12/20/18	12/20/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G				R	R
PLUTONIUM-239	PCI/G				R	R
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-01	HOTSPOT-02	HOTSPOT-02	HOTSPOT-02	HOTSPOT-02
Field Sample Identifier		SO-H-HTSP-01A-C	SO-H-HTSP-01-A	SO-H-HTSP-01-A-D	SO-H-HTSP-01-B	SO-H-HTSP-01-B-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5	0.5-1.5
Date of Sample		12/20/18	12/19/18	12/19/18	12/19/18	12/19/18
Parameter	Units			Field Duplicate		Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G				R	R
PLUTONIUM-239	PCI/G				R	R
STRONTIUM-90	PCI/G				0.373	0.537

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-02	HOTSPOT-02	HOTSPOT-03	HOTSPOT-03	HOTSPOT-03
Field Sample Identifier		SO-H-HTSP-01-C	SO-H-HTSP-01-C-D	SO-H-HTSP-03-A	SO-H-HTSP-03-B	SO-H-HTSP-03-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/19/18	12/19/18	12/21/18	12/21/18	12/21/18
Parameter	Units		Field Duplicate			
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G			0.04 J	R	
PLUTONIUM-239	PCI/G				R	
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-04	HOTSPOT-04	HOTSPOT-04	HOTSPOT-05	HOTSPOT-05
Field Sample Identifier		SO-H-HTSP-04-A	SO-H-HTSP-04-B	SO-H-HTSP-04-C	SO-H-HTSP-05-A	SO-H-HTSP-05-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/21/18	12/21/18	12/21/18	12/21/18	12/21/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		R			
PLUTONIUM-239	PCI/G		R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-05	HOTSPOT-06	HOTSPOT-06	HOTSPOT-06	HOTSPOT-07
Field Sample Identifier		SO-H-HTSP-05-C	SO-H-HTSP-06-A	SO-H-HTSP-06-B	SO-H-HTSP-06-C	SO-H-HTSP-07-A
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5
Date of Sample		12/21/18	12/21/18	12/21/18	12/21/18	12/21/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G	R				
PLUTONIUM-239	PCI/G	R			0.593	
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-07	HOTSPOT-07	HOTSPOT-08	HOTSPOT-08	HOTSPOT-08
Field Sample Identifier		SO-H-HTSP-07-B	SO-H-HTSP-07-C	SO-H-HTSP-08-A	SO-H-HTSP-08-B	SO-H-HTSP-08-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		12/21/18	12/21/18	12/21/18	12/21/18	12/21/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G		R			
PLUTONIUM-239	PCI/G		R			
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-09	HOTSPOT-09	HOTSPOT-09	HOTSPOT-10	HOTSPOT-10
Field Sample Identifier		SO-H-HTSP-09-A	SO-H-HTSP-09-B	SO-H-HTSP-09-C	SO-H-HTSP-10-A	SO-H-HTSP-10-B
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.5	0.5-1.5	1.5-2.5	0.0-0.5	0.5-1.5
Date of Sample		12/21/18	12/21/18	12/21/18	12/21/18	12/21/18
Parameter	Units					
RADIONUCLIDES						
CESIUM-137	PCI/G				0.225	
PLUTONIUM-238	PCI/G	R			R	
PLUTONIUM-239	PCI/G	R			R	
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-10	HOTSPOT-11	HOTSPOT-11	HOTSPOT-11	HOTSPOT-11
Field Sample Identifier		SO-H-HTSP-10-C	SO-H-HTSP-11-A	SO-H-HTSP-11-A-D	SO-H-HTSP-11-B	SO-H-HTSP-11-B-D
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	0.0-0.5	0.0-0.5	0.5-1.5	0.5-1.5
Date of Sample		12/21/18	01/23/19	01/23/19	01/23/19	01/23/19
Parameter	Units			Field Duplicate		Field Duplicate
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

TABLE D-1
KAPL ANALYTICAL RESULTS FOR SOIL
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		HOTSPOT-11	HOTSPOT-11	HOTSPOT-12	HOTSPOT-12	HOTSPOT-12
Field Sample Identifier		SO-H-HTSP-11-C	SO-H-HTSP-11-C-D	SO-H-HTSP-12-A	SO-H-HTSP-12-B	SO-H-HTSP-12-C
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-0.5	0.5-1.5	1.5-2.5
Date of Sample		01/23/19	01/23/19	01/23/19	01/23/19	01/23/19
Parameter	Units		Field Duplicate			
RADIONUCLIDES						
CESIUM-137	PCI/G					
PLUTONIUM-238	PCI/G					
PLUTONIUM-239	PCI/G					
STRONTIUM-90	PCI/G					

The qualifiers shown were assigned during chemistry validation.

J: The result was an estimated quantity, which is the result of associated lab QC outside the lab acceptance criteria.

J-: The result was an estimated quantity, but the result may be biased low due to associated lab QC criteria exceeding lower criteria limits.

R: The data is rejected.

NOTE: Non-Detected results are shown as blank.