TABLE 4-3
GROUNDWATER ANALYTICAL RESULTS
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1-20-BP3	C1-2-A100-BP4	C1-2-BP1
Field Sample Identifier		GW-H-C1-20-BP3	GW-H-C1-2-A100-BP4	GW-H-C1-2-BP1
Sample Matrix		Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-
Date of Sample		12/11/18	12/11/18	12/11/18
Parameter	Units			
RADIONUCLIDES				
RADIUM-226	PCI/L	0.145		0.194
RADIUM-228	PCI/L	0.696 J+		1.046 J+
THORIUM-228	PCI/L		0.09	
THORIUM-230	PCI/L			
THORIUM-232	PCI/L			
URANIUM-234	PCI/L	0.727	10.276	6.139
URANIUM-235	PCI/L		0.152	0.161
URANIUM-238	PCI/L	0.754	7.49	5.203
RADIONUCLIDES (FILTERED)				
RADIUM-226	PCI/L	0.145		
RADIUM-228	PCI/L			0.665 J+
THORIUM-228	PCI/L		R	
THORIUM-230	PCI/L		R	
THORIUM-232	PCI/L		R	
URANIUM-234	PCI/L	0.737	10.109	8.359
URANIUM-235	PCI/L		0.165	0.269
URANIUM-238	PCI/L	0.545	7.327	6.794
MISCELLANEOUS				
ALKALINITY, TOTAL	MG/L	217	652	537
BROMIDE	UG/L			175
CHLORIDE (AS CL)	UG/L	4,420	330,000	20,200

The qualifiers shown were assigned during chemistry validation.

J+: The result was an estimated quantity, but the result may be biased high due to associated lab QC criteria exceeding upper criteria limits.
R: The data is rejected.

NOTE: Non-Detected results are shown as blank.

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GROUNDWATER ANALYTICAL RESULTS
NIAGARA FALLS STORAGE SITE - VICINITY PROPERTY H'

Location Identifier		C1-20-BP3	C1-2-A100-BP4	C1-2-BP1
Field Sample Identifier		GW-H-C1-20-BP3	GW-H-C1-2-A100-BP4	GW-H-C1-2-BP1
Sample Matrix		Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-
Date of Sample		12/11/18	12/11/18	12/11/18
Parameter	Units			
MISCELLANEOUS				
DISSOLVED SOLIDS, TOTAL	MG/L	330	2,910	1,070
FLUORIDE	UG/L	389	353	248
NITROGEN, NITRATE (AS N)	UG/L			
NITROGEN, NITRITE (AS N)	UG/L			
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS PO4)	UG/L		130	
SULFATE	UG/L	55,400	1,230,000	353,000

The qualifiers shown were assigned during chemistry validation.

J+: The result was an estimated quantity, but the result may be biased high due to associated lab QC criteria exceeding upper criteria limits.
R: The data is rejected.

NOTE: Non-Detected results are shown as blank.