



Energy Fuels Resources (USA) Inc.  
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January 29, 2019

Arizona Department of Environmental Quality  
Groundwater Section  
Mail Code 5415B-3  
1110 W. Washington St.  
Phoenix, AZ 85007

**Re: Canyon Mine Non-Storm water Impoundment 3.04 General Aquifer Protection  
Permit No. P-100333 Annual Report for 2018**

Dear Sir or Madam:

Enclosed please find Energy Fuels Resources (USA) Inc.'s ("EFRI's") 2018 Annual Report for the Canyon Mine (the "Mine") in accordance with the Mine's Non-storm water Impoundment 3.04 General Aquifer Protection Permit (the "APP") No. P-100333.

Pursuant to the requirements found in the APP and in the Arizona Administrative Code (A.A.C.) R18-9-D304, EFRI agreed to the following voluntary condition:

**"2. Mine Shaft Sump Monitoring**

i. EFRI agrees to measure the daily volume of water pumped from the underground mining areas, and conduct periodic sampling for the water pumped from the underground mining areas as follows:

EFRI will sample water pumped from the underground mining areas at the point the water discharges to the non-storm water impoundment on a quarterly basis for the parameters set forth in Table 1 of the permit. If there is no water pumped during a particular quarter, then no sample will be required. EFRI will report to the Arizona Department of Environmental Quality ("ADEQ") the results of the daily volume of water pumped and quarterly sampling within 30 days of the end of each of the first two quarters of operation, and on an annual basis thereafter.

ii. If the sampling results suggest that aquifer water quality standards could be exceeded in groundwater beneath the mine given the depth to groundwater at the mine, EFRI will increase the frequency of pumping to mitigate any risk to groundwater."

EFRI began discharging to the Mine's non-storm water impoundment in July of 2013. In accordance with the APP condition 2.i, EFRI submitted two quarterly reports to ADEQ on October 23, 2013 and January 13, 2014. The January 13, 2014 report documented the second quarter of pumping operations, and the second of two required quarterly reports; and therefore,

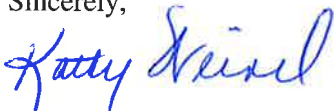
reporting is now required at an annual frequency. Shaft sinking was completed in April of 2018 and quarterly samples were collected.

As of the end of 2018, the shaft has been sunk to a depth of approximately 1,470 feet. Underground mining operations were suspended in April 2018 due to low uranium prices, at which time EFRI restricted underground access. However, after the suspension of mining activities EFRI did continue to pump water from the shaft into the non-storm water impoundment, and four quarters of sampling were completed in 2018. EFRI has surveyed and performed Klinkenberg testing on the mine sump required by Section 1.ii of the APP, and is currently in the process of finalizing the report for filing with the Agency.

Per Section 2.i of the APP, the attached Table 1 includes the daily volume of water pumped from underground mining areas for 2018. All water pumped from underground mining areas to the non-storm water impoundment was discharged in accordance with the approved storm water Pollution Prevention Plan (“SWPPP”). Monthly SWPPP inspections are conducted to ensure all discharge procedures and best management practices (“BMPs”) are in compliance. A summary of the monthly inspections and BMPs are described in the annual SWPPP report. The attached Table 2 includes a summary of the analytical results for the quarterly water samples, collected when the mine is pumping water into the non-storm water impoundment. The samples are taken from the outfall point where mine water discharges from underground into the non-storm water impoundment.

Please feel free to contact me at 303-389-4134 if you have any questions or concerns.

Sincerely,



**ENERGY FUELS RESOURCES (USA) INC.**

Kathy Weinel

Quality Assurance Manager

cc: Scott Bakken, Trey White, Matt Germansen (EFRI)  
Vimal Chauhan (ADEQ)

## **TABLES**

TABLE 1

Canyon Mine Daily Volume of Water Pumped from Underground Mining Areas during 2018

Date	Flow Meter Reading	Gallons Pumped (GA/D)	Date	Flow Meter Reading	Gallons Pumped (GA/D)	Date	Flow Meter Reading	Gallons Pumped (GA/D)	First Quarter 2018		
									January 2018	February 2018	March 2018
1/1/2018	No Operations	0	2/1/2018	17758000	23,300	3/1/2018	18562200	29,200			
1/2/2018	Meter Malfunctioned	0	2/2/2018	No Operations	0	3/2/2018	No Operations	0			
1/3/2018	Meter Malfunctioned	0	2/3/2018	No Operations	0	3/3/2018	18623100	60,900			
1/4/2018	Meter Malfunctioned	0	2/4/2018	17759900	1,900	3/4/2018	18649000	25,900			
1/5/2018	No Operations	0	2/5/2018	17760000	100	3/5/2018	No Operations	0			
1/6/2018	No Operations	0	2/6/2018	17823100	63,100	3/6/2018	No Operations	0			
1/7/2018	2923200	0	2/7/2018	17881200	58,100	3/7/2018	18729000	80,000			
1/8/2018	2980300	57,100	2/8/2018	17995700	114,500	3/8/2018	18751800	22,800			
1/9/2018	2994600	14,300	2/9/2018	No Operations	0	3/9/2018	No Operations	0			
1/10/2018	Meter Malfunctioned	0	2/10/2018	No Operations	0	3/10/2018	No Operations	0			
1/11/2018	Meter Malfunctioned	0	2/11/2018	18056300	60,600	3/11/2018	18843200	91,400			
1/12/2018	No Operations	0	2/12/2018	18081700	25,400	3/12/2018	18874300	31,100			
1/13/2018	No Operations	0	2/13/2018	18100200	18,500	3/13/2018	18898000	23,700			
1/14/2018	Meter Malfunctioned	0	2/14/2018	18130100	29,900	3/14/2018	18920600	22,600			
1/15/2018	Meter Malfunctioned	0	2/15/2018	18159200	29,100	3/15/2018	18948300	27,700			
1/16/2018	Meter Malfunctioned	0	2/16/2018	18188800	29,600	3/16/2018	18970900	22,600			
1/17/2018	Meter Malfunctioned	0	2/17/2018	No Operations	0	3/17/2018	19003200	32,300			
1/18/2018	Meter Malfunctioned	0	2/18/2018	18248900	60,100	3/18/2018	No Operations	0			
1/19/2018	No Operations	0	2/19/2018	18274100	25,200	3/19/2018	19056500	53,300			
1/20/2018	No Operations	0	2/20/2018	18308700	34,600	3/20/2018	19085600	29,100			
1/21/2018	Meter Malfunctioned	0	2/21/2018	18332800	24,100	3/21/2018	19113300	27,700			
1/22/2018	Meter Malfunctioned	0	2/22/2018	18361500	28,700	3/22/2018	19142500	29,200			
1/23/2018	Meter Malfunctioned	0	2/23/2018	18389700	28,200	3/23/2018	19177200	34,700			
1/24/2018	Meter Malfunctioned	0	2/24/2018	No Operations	0	3/24/2018	19197300	20,100			
1/25/2018	Meter Malfunctioned	0	2/25/2018	18450000	60,300	3/25/2018	19204200	6,900			
1/26/2018	No Operations	0	2/26/2018	18478000	28,000	3/26/2018	19234200	30,000			
1/27/2018	No Operations	0	2/27/2018	18506800	28,800	3/27/2018	19255700	21,500			
1/28/2018	Meter Malfunctioned	0	2/28/2018	18533000	26,200	3/28/2018	19285500	29,800			
1/29/2018	Meter Malfunctioned	0				3/29/2018	19314300	28,800			
1/30/2018*	17709200	0				3/30/2018	No Operations	0			
1/31/2018	17734700	25,500				3/31/2018	No Operations	0			
<b>Total Gallons Pumped for January**</b>		<b>96,900</b>	<b>Total Gallons Pumped for February</b>		<b>798,300</b>	<b>Total Gallons Pumped for March</b>		<b>781,300</b>	<b>Total for the Quarter</b>		
									<b>1,676,500</b>		

\*New Meter was installed

\*\* EFRI estimates that the volume pumped in January 2018 is approximately 780,000 gallons similar to February and March. Actual measurements were not collected due to the malfunction of the flow meter.

**Table 1  
Canyon Mine Daily Volume of Water Pumped from Underground Mining Areas during 2018**

Date	Flow Meter Reading	Gallons Pumped (GA/D)	Second Quarter 2018			Date	Flow Meter Reading	Gallons Pumped (GA/D)	Date	Flow Meter Reading	Gallons Pumped (GA/D)
			May 2018								
4/1/2018	No Operations	0	5/1/2018	4124200	32,200	6/1/2018	No Operations	0	6/1/2018	No Operations	0
4/2/2018	19425500	111,200	5/2/2018	4151200	27,000	6/2/2018	No Operations	0	6/2/2018	No Operations	0
4/3/2018	19462600	37,100	5/3/2018	4185900	34,700	6/3/2018	No Operations	0	6/3/2018	No Operations	0
4/4/2018	19485100	22,500	5/4/2018	No Operations	0	6/4/2018	5079100	112,000	6/4/2018	5079100	112,000
4/5/2018	No Operations	0	5/5/2018	No Operations	0	6/5/2018	5100800	21,700	6/5/2018	5100800	21,700
4/6/2018	No Operations	0	5/6/2018	No Operations	0	6/6/2018	5130300	29,500	6/6/2018	5130300	29,500
4/7/2018	No Operations	0	5/7/2018	4286400	100,500	6/7/2018	5154180	23,880	6/7/2018	5154180	23,880
4/8/2018	No Operations	0	5/8/2018	4312000	25,600	6/8/2018	No Operations	0	6/8/2018	No Operations	0
4/9/2018	19631900	146,800	5/9/2018	4346500	34,500	6/9/2018	No Operations	0	6/9/2018	No Operations	0
4/10/2018	19659900	28,000	5/10/2018	4382900	36,400	6/10/2018	No Operations	0	6/10/2018	No Operations	0
4/11/2018	19689500	29,600	5/11/2018	No Operations	0	6/11/2018	5274800	120,620	6/11/2018	5274800	120,620
4/12/2018	19726000	36,500	5/12/2018	No Operations	0	6/12/2018	5299100	24,300	6/12/2018	5299100	24,300
4/13/2018	No Operations	0	5/13/2018	No Operations	0	6/13/2018	5314400	15,300	6/13/2018	5314400	15,300
4/14/2018	No Operations	0	5/14/2018	4486400	103,500	6/14/2018	5348200	33,800	6/14/2018	5348200	33,800
4/15/2018	No Operations	0	5/15/2018	4516900	30,500	6/15/2018	No Operations	0	6/15/2018	No Operations	0
4/16/2018	19835300	109,300	5/16/2018	4541400	24,500	6/16/2018	No Operations	0	6/16/2018	No Operations	0
4/17/2018	19872600	37,300	5/17/2018	4569600	28,200	6/17/2018	No Operations	0	6/17/2018	No Operations	0
4/18/2018	19896600	24,000	5/18/2018	No Operations	0	6/18/2018	5447400	99,200	6/18/2018	5447400	99,200
4/19/2018	19929500	32,900	5/19/2018	No Operations	0	6/19/2018	21515700	33,100	6/19/2018	21515700	33,100
4/20/2018	No Operations	0	5/20/2018	No Operations	0	6/20/2018	21527000	11,300	6/20/2018	21527000	11,300
4/21/2018	No Operations	0	5/21/2018	4676600	107,000	6/21/2018	24578	24,578	6/21/2018	24578	24,578
4/22/2018	No Operations	0	5/22/2018	4703400	26,800	6/22/2018	No Operations	0	6/22/2018	No Operations	0
4/23/2018	20039800	110,300	5/23/2018	4733900	30,500	6/23/2018	No Operations	0	6/23/2018	No Operations	0
4/24/2018	20076200	36,400	5/24/2018	4766900	33,000	6/24/2018	No Operations	0	6/24/2018	No Operations	0
4/25/2018	20097400	21,200	5/25/2018	No Operations	0	6/25/2018	156600	0	6/25/2018	156600	0
4/26/2018	20123100	25,700	5/26/2018	No Operations	0	6/26/2018	203317	46,717	6/26/2018	203317	46,717
4/27/2018	No Operations	0	5/27/2018	No Operations	0	6/27/2018	224215	20,898	6/27/2018	224215	20,898
4/28/2018	No Operations	0	5/28/2018	No Operations	0	6/28/2018	259059	34,844	6/28/2018	259059	34,844
4/29/2018	No Operations	0	5/29/2018	4901000	134,100	6/29/2018	No Operations	0	6/29/2018	No Operations	0
4/30/2018	20231900	108,800	5/30/2018	4931800	30,800	6/30/2018	No Operations	0	6/30/2018	No Operations	0
<b>Total Gallons Pumped for April</b>			<b>917,600</b>			<b>Total Gallons Pumped for May</b>			<b>875,100</b>		
<b>Total Gallons Pumped for June</b>			<b>651,737</b>			<b>Total for the Quarter</b>			<b>2,444,437</b>		

\*Mechanical water meter was replaced in May.  
 \*Mechanical water meter was replaced on 06/19/2018 while installing the new digital flow meter  
 \*Digital water meter was installed on 06/21/2018 and consistently measures 4% increased flow vs. mechanical meters  
 \*As a result of using the digital meter, flow rates have increased slightly to approximately 20.5 GPM

**Table 1  
Canyon Mine Daily Volume of Water Pumped from Underground Mining Areas During 2018**

Date	Flow Meter Reading	Gallons Pumped (GA/D)	Date	Flow Meter Reading	Gallons Pumped (GA/D)	Date	Flow Meter Reading	Gallons Pumped (GA/D)	September 2018								
									Flow Meter Reading	Gallons Pumped (GA/D)	Date						
<b>July 2018</b>									<b>August 2018</b>			<b>September 2018</b>					
7/1/2018	No Operations	0	8/1/2018	22740500	45,100	9/1/2018	No Operations	0	9/1/2018	No Operations	No Operations	0					
7/2/2018	383200	124,141	8/2/2018	22780400	39,900	9/2/2018	No Operations	0	9/2/2018	No Operations	No Operations	0					
7/3/2018	417175	33,975	8/3/2018	No Operations	0	9/3/2018	No Operations	0	9/3/2018	No Operations	No Operations	0					
7/4/2018	No Operations	0	8/4/2018	No Operations	0	9/4/2018	No Operations	0	9/4/2018	652887	No Operations	151,737					
7/5/2018	No Operations	0	8/5/2018	No Operations	0	9/5/2018	No Operations	0	9/5/2018	684215	No Operations	31,328					
7/6/2018	No Operations	0	8/6/2018	No Operations	0	9/6/2018	No Operations	0	9/6/2018	708155	No Operations	23,940					
7/7/2018	No Operations	0	8/7/2018	No Operations	0	9/7/2018	No Operations	0	9/7/2018	No Operations	No Operations	0					
7/8/2018	No Operations	0	8/8/2018	No Operations	0	9/8/2018	No Operations	0	9/8/2018	No Operations	No Operations	0					
7/9/2018	594510	177,335	8/9/2018	22989000	208,600	9/9/2018	No Operations	0	9/9/2018	No Operations	No Operations	0					
7/10/2018	620700	26,190	8/10/2018	No Operations	0	9/10/2018	No Operations	0	9/10/2018	823300	No Operations	115,145					
7/11/2018	658500	37,800	8/11/2018	No Operations	0	9/11/2018	No Operations	0	9/11/2018	848800	No Operations	25,500					
7/12/2018	683700	25,200	8/12/2018	No Operations	0	9/12/2018	No Operations	0	9/12/2018	No Operations	No Operations	0					
7/13/2018	No Operations	0	8/13/2018	23105200	116,200	9/13/2018	No Operations	0	9/13/2018	906700	No Operations	57,900					
7/14/2018	No Operations	0	8/14/2018	23136600	31,400	9/14/2018	No Operations	0	9/14/2018	No Operations	No Operations	0					
7/15/2018	No Operations	0	8/15/2018	23164300	27,700	9/15/2018	No Operations	0	9/15/2018	No Operations	No Operations	0					
7/16/2018	794961	111,261	8/16/2018	23196000	31,700	9/16/2018	No Operations	0	9/16/2018	No Operations	No Operations	0					
7/17/2018	837400	42,439	8/17/2018	No Operations	0	9/17/2018	No Operations	0	9/17/2018	No Operations	No Operations	0					
7/18/2018	860900	23,500	8/18/2018	No Operations	0	9/18/2018	No Operations	0	9/18/2018	1054107	No Operations	147,407					
7/19/2018	No Operations	0	8/19/2018	No Operations	0	9/19/2018	No Operations	0	9/19/2018	No Operations	No Operations	0					
7/20/2018	No Operations	0	8/20/2018	23312700	116,700	9/20/2018	No Operations	0	9/20/2018	No Operations	No Operations	0					
7/21/2018	No Operations	0	8/21/2018	No Operations	0	9/21/2018	No Operations	0	9/21/2018	No Operations	No Operations	0					
7/22/2018	No Operations	0	8/22/2018	23373300	60,600	9/22/2018	No Operations	0	9/22/2018	No Operations	No Operations	0					
7/23/2018	1013800	152,900	8/23/2018	23410000	36,700	9/23/2018	No Operations	0	9/23/2018	No Operations	No Operations	0					
7/24/2018	1054500	40,700	8/24/2018	No Operations	0	9/24/2018	No Operations	0	9/24/2018	1228850	No Operations	174,743					
7/25/2018	1075000	20,500	8/25/2018	No Operations	0	9/25/2018	No Operations	0	9/25/2018	1262200	No Operations	33,350					
7/26/2018	1110400	35,400	8/26/2018	No Operations	0	9/26/2018	No Operations	0	9/26/2018	1288509	No Operations	26,309					
7/27/2018	No Operations	0	8/27/2018	23521000	111,000	9/27/2018	No Operations	0	9/27/2018	1314800	No Operations	26,291					
7/28/2018	No Operations	0	8/28/2018	23552800	31,800	9/28/2018	No Operations	0	9/28/2018	No Operations	No Operations	0					
7/29/2018	No Operations	0	8/29/2018	23585200	32,400	9/29/2018	No Operations	0	9/29/2018	No Operations	No Operations	0					
7/30/2018	1215400	105,000	8/30/2018	23614700	29,500	9/30/2018	No Operations	0	9/30/2018	No Operations	No Operations	0					
7/31/2018	1228900	13,500	8/31/2018	No Operations	0												
<b>Total Gallons Pumped for July</b>			<b>969,841</b>			<b>Total Gallons Pumped for August</b>			<b>919,300</b>			<b>Total Gallons Pumped for September</b>			<b>813,650</b>		
												<b>Total for the Quarter</b>			<b>2,702,791</b>		

\*The backup meter was used during September. Calibrations were required on the digital meter to better account for the pipe and water density.

**Table 1  
Canyon Mine Daily Volume of Water Pumped from Underground Mining Areas During 2018**

October 2018		Fourth Quarter 2018			December 2018				
Date	Flow Meter Reading	Gallons Pumped (GA/D)	Date	Flow Meter Reading	Gallons Pumped (GA/D)	Date	Flow Meter Reading	Gallons Pumped (GA/D)	
10/1/2018	1431600	116,800	11/1/2018	2419495	64,895	12/1/2018	3321300	29,800	
10/2/2018	No Operations	0	11/2/2018	2449100	29,605	12/2/2018	3349787	28,487	
10/3/2018	No Operations	0	11/3/2018	2479502	30,402	12/3/2018	3372000	22,213	
10/4/2018	No Operations	0	11/4/2018	2515200	35,698	12/4/2018	3405300	33,300	
10/5/2018	No Operations	0	11/5/2018	2548900	33,700	12/5/2018	3426800	21,500	
10/6/2018	No Operations	0	11/6/2018	2585666	36,766	12/6/2018	3461562	34,762	
10/7/2018	1619114	187,514	11/7/2018	2605300	19,634	12/7/2018	3496994	35,432	
10/8/2018	No Operations	0	11/8/2018	2637200	31,900	12/8/2018	3510200	13,206	
10/9/2018	No Operations	0	11/9/2018	2668300	31,100	12/9/2018	3539000	28,800	
10/10/2018	No Operations	0	11/10/2018	2699655	31,355	12/10/2018	3566061	27,061	
10/11/2018	No Operations	0	11/11/2018	2727800	28,145	12/11/2018	3595437	29,376	
10/12/2018	1777688	158,574	11/12/2018	2759400	31,600	12/12/2018	3623875	28,438	
10/13/2018	No Operations	0	11/13/2018	2789200	29,800	12/13/2018	3661227	37,352	
10/14/2018	No Operations	0	11/14/2018	2821780	32,580	12/14/2018	No Operations	0	
10/15/2018	No Operations	0	11/15/2018	2851980	30,200	12/15/2018	3717567	56,340	
10/16/2018	1904294	126,606	11/16/2018	2882314	30,334	12/16/2018	3745638	28,071	
10/17/2018	1934900	30,606	11/17/2018	2893027	10,713	12/17/2018	No Operations	0	
10/18/2018	1966634	31,734	11/18/2018	2941800	48,773	12/18/2018	3795000	49,362	
10/19/2018	2000761	34,127	11/19/2018	2965600	23,800	12/19/2018	No Operations	0	
10/20/2018	2033100	32,339	11/20/2018	2995500	29,900	12/20/2018	3861131	66,131	
10/21/2018	2066600	33,500	11/21/2018	3024000	28,500	12/21/2018	3918269	57,138	
10/22/2018	2100400	33,800	11/22/2018	3053200	29,200	12/22/2018	No Operations	0	
10/23/2018	2130500	30,100	11/23/2018	3084300	31,100	12/23/2018	3937453	19,184	
10/24/2018	2164387	33,887	11/24/2018	3112400	28,100	12/24/2018	No Operations	0	
10/25/2018	No Operations	0	11/25/2018	3141000	28,600	12/25/2018	No Operations	0	
10/26/2018	2228936	64,549	11/26/2018	3169400	28,400	12/26/2018	4029392	91,939	
10/27/2018	2259965	31,029	11/27/2018	3198400	29,000	12/27/2018	4058306	28,914	
10/28/2018	2300400	40,435	11/28/2018	3231400	33,000	12/28/2018	4087219	28,914	
10/29/2018	2324984	24,584	11/29/2018	3261900	30,500	12/29/2018	4116133	28,914	
10/30/2018	2354600	29,616	11/30/2018	3291500	29,600	12/30/2018	4145046	28,914	
10/31/2018	No Operations	0				12/31/2018	4173960	28,914	
<b>Total Gallons Pumped for October</b>		<b>1,039,800</b>	<b>Total Gallons Pumped for</b>			<b>936,900</b>	<b>Total Gallons Pumped for December</b>		<b>882,460</b>
			<b>Total for the Quarter</b>						<b>2,859,160</b>
			<b>Total for the Year</b>						<b>9,682,888</b>

**Table 2**  
**Canyon Mine Non-Stormwater Impoundment Sample Summary**

<b>Analytes</b>	<b>Units</b>	<b>Q1 2018</b>	<b>Q2 2018</b>	<b>Q3 2018</b>	<b>Q4 2018</b>
<b>Metals</b>					
Antimony (Total)	mg/L	0.0086	0.0086	0.0068	0.0069
Arsenic (Total)	mg/L	0.178	0.226	0.144	0.172
Barium (Total)	mg/L	0.051	0.044	0.042	0.042
Beryllium (Total)	mg/L	0.00006 J	<0.00005	<0.00005	<0.00005
Cadmium (Total)	mg/L	0.0004 J	<0.0005	0.0009	0.00054
Chromium III (Total)	mg/L	<0.05	<0.01	<0.01	<0.01
Cobalt (Total)	mg/L	0.0573	0.0684	0.0864	0.0821
Copper (Total)	mg/L	0.04 J	0.04 J	0.02 J	0.01 J
Iron (Total)	mg/L	0.80	0.99	0.44	0.52
Lead (Total)	mg/L	0.0055	0.0036	0.0015	0.0021
Manganese (Total)	mg/L	0.017 J	0.018 J	0.021 J	0.020 J
Mercury (Total)	mg/L	<0.0002	<0.0002	<0.0002	<0.0002
Nickel (Total)	mg/L	0.227	0.236	0.284	0.260
Selenium (Total)	mg/L	0.0007	0.0009	0.0008	0.0008
Thallium (Total)	mg/L	0.0014	0.0013	0.0016	0.0017
Uranium (dissolved)	mg/L	0.126	0.090	0.0902	0.106
Uranium (total)	mg/L	0.128	0.102	0.0915	0.117
Vanadium (Total)	mg/L	<0.005	<0.005	<0.005	<0.005
Zinc (Total)	mg/L	0.25	0.64	2.18	0.72
<b>Radionuclides</b>					
Gross Alpha (dissolved)	pCi/L	110 (±12)	120 (±13)	93 (±11)	150 (±14)
Radium 226 (dissolved)	pCi/L	19 (±0.43)	19 (±0.5)	11 (±0.41)	14 (±0.47)
Radium 228 (dissolved)	pCi/L	0.7 (±0.81)	0.16 (±0.69)	1.3 (±0.98)	-0.97 (±0.92)
Uranium 234 (dissolved)	pCi/L	90 (±6.8)	69 (±5.7)	71 (±5.2)	83 (±5.9)
Uranium 235 (dissolved)	pCi/L	2.5 (±1.2)	1.4 (±0.98)	1.4 (±0.73)	2.2 (±0.94)
Uranium 238 (dissolved)	pCi/L	45.6 (±4.9)	30.5 (±3.8)	33.2 (±3.6)	35.2 (±3.8)
<b>Major Ions</b>					
Bicarbonate as CaCO <sub>3</sub>	mg/L	203	192	219	212
Carbonate as CaCO <sub>3</sub>	mg/L	6.2 J	10.1 J	<2	7.0 J
Alkalinity (Total)	mg/L	209	202	219	219
Calcium	mg/L	69.7	72.8	82.7	86.3
Fluoride	mg/L	0.19 J	0.18 J	0.16 J	0.21 J
Magnesium	mg/L	43.0	44.8	46.7	49.9
Potassium	mg/L	5.7	5.5	5.1	5.0
Sodium	mg/L	16.3	15.4	15.9	17.9
Sulfate	mg/L	140	154 J	172	227
<b>Physical Properties</b>					
Conductivity	umhos/cm	732 (f=579)	711(f=680)	758(f=571)	839(f=819)
pH (field)	S.U.	7.49	7.25	7.31	7.85
Temperature (field)	C	11.50	14.18	18.26	15.00
ORP (field)	mV	197.8	65.7	97.1	NM
TDS	mg/L	458	448	522	558
TSS	mg/L	7.0 J	9.0 J	<5	<5

NM = Not measured (Meter malfunctioned during sampling event.)

< - Indicates that the analyte was not detected above the reporting limit.

( ) - Indicates the error term for the radiological result.

J - Analyte concentration detected at a value between the MDL and PQL. The associated value is an estimated quantity.