

ANALYSIS PARAMETERS	Unit	Reported Detection Limit	Criteria <sup>1</sup>		Analysis Results									
			Drinking Purposes	Seepage into Surface Waters	2012	2013	2014	2015	2016	2017		2018		
					October	October	October	November	October	July	September	April	September	
<b>Monitoring Well F-1</b>														
Petroleum Hydrocarbons C <sub>10</sub> -C <sub>50</sub>	µg/l	100	-	2 800	<	<	130	<	<	<	<	<	<	<
<b>Metals &amp; Metalloids</b>														
Cadmium	µg/l	0,5	5	1,1	<	<	<	<	0,6	<	<	<	<	<
Chromium (total)	µg/l	1	50	-	3	<	<	<	<	<	<	<	<	<
Chromium VI	µg/l	10	-	16	<	<	<	<	<	<	<	<	<	<
Copper	µg/l	1	1 000	7,3	1	<	<	2	3	<	<	<	1	2
Nickel	µg/l	1	70	260	9	4	6	5	6	14	11	10	10	10
Lead	µg/l	1	10	34	<	<	<	<	<	<	<	<	<	<
Zinc	µg/l	7	5 000	67	7	<	17	122	131	12	<	<	<	<
<b>Monitoring Well F-2</b>														
Petroleum Hydrocarbons C <sub>10</sub> -C <sub>50</sub>	µg/l	100	-	2 800	347	<	<	<	<	290	385	461	<	<
<b>Metals &amp; Metalloids</b>														
Cadmium	µg/l	0,5	5	1,1	<	<	<	<	<	<	<	<	<	<
Chromium (total)	µg/l	1	50	-	5	<	<	<	<	<	<	<	<	<
Chromium VI	µg/l	10	-	16	<	<	<	<	<	<	<	<	<	<
Copper	µg/l	1	1 000	7,3	1	1	1	1	3	6	<	<	5	<
Nickel	µg/l	1	70	260	28	6	11	2	2	3	2	5	2	2
Lead	µg/l	1	10	34	<	<	<	<	<	<	<	<	<	<
Zinc	µg/l	7	5 000	67	<	<	10	7	11	<	<	<	<	<
<b>Monitoring Well F-3</b>														
Petroleum Hydrocarbons C <sub>10</sub> -C <sub>50</sub>	µg/l	100	-	2 800	<	<	<	<	<	<	<	<	<	<
<b>Metals &amp; Metalloids</b>														
Cadmium	µg/l	0,5	5	1,1	<	<	<	<	<	<	<	<	<	<
Chromium (total)	µg/l	1	50	-	4	<	<	<	<	<	<	<	<	<
Chromium VI	µg/l	10	-	16	<	<	<	<	<	<	<	<	<	<
Copper	µg/l	1	1 000	7,3	<	<	<	<	<	<	<	<	<	<
Nickel	µg/l	1	70	260	10	10	11	7	41	7	8	7	5	5
Lead	µg/l	1	10	34	<	<	<	<	<	<	<	<	<	<
Zinc	µg/l	7	5 000	67	<	<	<	<	<	<	<	<	<	<
<b>Monitoring Well F-4</b>														
Petroleum Hydrocarbons C <sub>10</sub> -C <sub>50</sub>	µg/l	100	-	2 800	140	<	<	<	<	643	<	222	<	<
<b>Metals &amp; Metalloids</b>														
Cadmium	µg/l	0,5	5	1,1	<	<	<	<	<	<	<	<	<	<
Chromium (total)	µg/l	1	50	-	4	<	<	<	<	<	<	<	<	<
Chromium VI	µg/l	10	-	16	<	<	<	10	<	<	<	<	<	<
Copper	µg/l	1	1 000	7,3	1	<	<	<	5	<	<	<	<	<
Nickel	µg/l	1	70	260	5	5	2	2	3	3	2	3	6	6
Lead	µg/l	1	10	34	4	<	<	<	<	<	<	<	<	<
Zinc	µg/l	7	5 000	67	<	<	<	<	36	<	<	<	<	<

**Notes:**

<sup>1</sup> Appendix 7 of the *Guide d'intervention - Protection des sols et réhabilitation des terrains contaminés*  
For some samples, the reported detection limit for chromium VI was increased due to matrix interferences.  
Each sampling campaign performed by Hudon Desbiens St-Germain Environnement was documented in a follow-up report.  
All samples were analyzed by a laboratory certified by the Centre d'expertise en analyse environnementale du Québec.  
Quality controls are performed during each sampling campaign. Overall, all results confirm the reliability and reproducibility of performed analyse

**Legend**

5	: Value > "Drinking Purposes" Criterion
5	: Value > "Seepage Into Surface Waters" Criterion
-	: Not analyzed or no criterion for this parameter
<	: Value < reported detection limit