

Table G-4
Groundwater Geochemistry Inferences based on Anion/Cation Analysis and Field Parameters
Industrial Area

Well	Past or Current Seawater Influence	Effect from Current Deicing Compound Use	Effect from Cement leaching	Effect from Sodium Chromate	Effect from Petroleum Release	Elevated Sulfate ¹	Elevated Nitrate from Hydrazine	Elevated Arsenic ¹	Elevated Iron ¹	Elevated Manganese ¹	Elevated Mercury ²	Elevated Molybdenum ^{1,3}	Elevated Nickel	Elevated Zinc	Elevated Vanadium	Elevated Aluminum ¹
B-201	X					X				X						
B-202	o	o			X	o	o		o							o
B-203B		o	o		o	X	o		X							o
B-205	o	o			X	o								o		o
B-206A	o	o			X	o			o							o
BK-1		X			o	o	o									
CS-1	X		X	o	?	o		o			o	o			o	
MW-306		o				X	o			o						
MW-307	o	o	o		X	o				o						o
MW-308					o	o				o		o				
MW-312		o	o	o	X	o										o
MW-401A	o								X	o						
MW-401B			X		X				o			o	X		o	X
MW-402	o	o				o	o		o	o						o
MW-403	o	o			X	X	o			o			o			
PAB TP			X	X	X	o					X	X			o	X

Notes:

"X" = significant Indication (subjective)

"o" = some indication (subjective)

1) possible origin is natural geologic materials; may have been released through reducing conditions or exchange with contaminants

2) probable source is paint chips entering PAB TP, then into CS-1

3) high molybdenum may be associated with high DRO concentrations