

**Refer to the UKHM WQ Master Database CD for the complete database**

**2009 UKHM WQ Master Database Information Sheet**

1. All WQ sample sites are listed by KV number on each tab.
2. This database represents all lab related WQ data for the Keno Hill site with the exception of extractable metals.
3. The earliest data recorded in this database is January 1994.  
Earlier data is available, but of inferior and in many cases dubious quality.
4. Data for sites sampled pre-1994 is not included in this database.

**LES** Labarge Environmental Services  
**ACG** Access Consulting Group  
**ALEXCO** Alexco Resource Corp.  
**EPS** Environmental Protection Service  
**UKHM** United Keno Hill Mines  
**DIAND** Department of Indian and Northern Development  
**ERDC** Elsa Reclamation and Development

TABLE OF CONCORDANCE						
KV#	SITE DESCRIPTION	Old UKHM #	UKHM #	LES SITE #	ACG #	NPG #
KV-1	South McQuesten River u/s Christal Creek	S-21	UK1	LES 1		
KV-2	South McQuesten River at Pumphouse	S-10	UK2	LES 2		
KV-3	South McQuesten River u/s Flat Creek	S-26	UK5	LES 3		
KV-4	South McQuesten River d/s Flat Creek	S-11	UK3	LES 4		
KV-5	South McQuesten River 9 km downstream Flat Creek			LES 5		
KV-6	Christal Creek @ Keno Highway	S-18	UK6	LES 6	ACG-WQ-05	NPG-05
KV-7	Christal Creek @ Hanson Road	S-19	UK7	LES 7		
KV-8	Christal Creek @ mouth		UK8	LES 7B		
KV-9	Flat Creek u/s South McQuesten River	S-9	UK9	LES 9	ACG-WQ-09	
KV-10	Valley Tailings Pond #1 Decant				ACG-WQ-08a	
KV-11	Valley Tailings Pond #2 Decant				ACG-WQ-08b	
KV-12	Valley Tailings Pond #3 Decant	S-1	UK13	LES 72	ACG-WQ-08c	
KV-13	Silver King Adit	S-13	UK14	LES 12	ACG-WQ-03b	NPG-03
KV-14	Silver King Treatment Pond #2 Decant	S-13A		LES 12A	ACG-WQ-03	
KV-15	South McQuesten River at Bridge below Haggart Creek		UK4			
KV-16	Christal Creek 600 m d/s Silver Trail Highway				ACG-WQ-11 Site A	
KV-17	Husky South West Adit	S-17	UK15	LES14		
KV-18	Berminham Adit	S-3	UK24	LES 18		
KV-19	Ruby Adit	S-15	UK17	LES 19		
KV-20	No Cash 500 Adit	S-4	UK25	LES 20		
KV-21	No Cash Creek @ Keno Highway			LES 21		
KV-27	Galkeno 300 Adit	S-27	UK27	LES 32		
KV-28	Galkeno 300 Treatment Pond Decant				ACG-WQ-12	
KV-29	Silver Trail Culvert #4		UK27a		ACG-WQ-10	
KV-30	Christal Creek 825m d/s Silver Trail Highway				ACG-WQ-11 Site D	
KV-31	Galkeno 900 Adit	S-5	UK20	LES 31 or 31E	ACG-WQ-04b	NPG-04
KV-32	Galkeno 900 Treatment Pond Decant	S-20		LES 31B	ACG-WQ-04a	
KV-33	Keno 700 Adit	S-6	UK21	LES 38		
KV-34	Lucky Queen Adit	S-14	UK28			
KV-35	Sadie Ladue Adit	S-7	UK26	LES 35		
KV-36	Flame and Moth					
KV-37	Lightning Creek u/s Hope Gulch	S-22	UK11	LES 37		
KV-38	Lightning Creek u/s Thunder Gulch			LES STN38		
KV-39	Hope Gulch u/s Lightning Creek			LES 48		
KV-40	Charity Gulch u/s Lightning Creek			LES STN37		
KV-41	Lightning Creek u/s bridge @ Keno City	S-24	UK12	LES 41		
KV-42	Bellekeno 600 Adit	S-12	UK18	LES 39	ACG-WQ-07b	
KV-43	Bellekeno 600 Treatment Pond Decant	S-12a		LES 39A	ACG-WQ-07	NPG-07
KV-44	Bellekeno 600 Seep	S-5A	UK18A	LES 39B	ACG-WQ-07c	
KV-45	Onek Adit	S-8	UK19	LES 40	ACG-WQ-06	NPG-06
KV-47	Porcupine Diversion Ditch	S-23	UK10	LES 47		
KV-48	Hinton Creek u/s Calumet Drive					
KV-49	Hinton Creek u/s Christal Creek					
KV-50	Christal Creek u/s Hinton Creek					
KV-51	Christal Creek d/s Hinton Creek					
KV-52	Natural spring to Christal Lake at Old Mackeno pump house			LES 53		
KV-53	UN Adit	S2		LES 30		
KV-54	Erickson Gulch at Road to Lucky Queen			LES 34		
KV-55	Sandy Creek at Silver Trail Highway			LES 63		
KV-56	Star Creek at Silver Trail Highway			LES 76		
KV-57	Haldane Creek at South McQuesten Road			LES 10		
KV-58	Seepage at toe of #3 dam			LES 73		
KV-59	Galena Creek at mouth (just upstream of Flat Creek)			LES 57		
KV-60	Galena Creek upstream of Silver King adit			LES11	ACG-WQ-01	NPG-01
KV-61	Porcupine Gulch at Calumet Road Crossing			LES 67		
KV-62	Brefalt Creek upstream of Porcupine Diversion			LES 45		
KV-63	Flat Creek upstream of Porcupine Diversion			LES 46		
KV-64	Flat Creek at Silver Trail Highway			LES 8		
KV-65	Thunder Gulch upstream of Bellekeno			LES 52		
KV-66	Klondike Keno Adit					
KV-67	Keno 200 Adit					
KV-68	Brewis Red Lake Adit					
KV-69	Valley Tailings Decant and Seepage u/s Flat Creek					
KV-70	Flat Creek 20m u/s KV-69					
KV-71	Flat Creek 20m d/s KV-69					
KV-72	South McQuesten River at McQuesten Lake					
KV-73	Cache Creek at access road d/s McQuesten Lake					
KV-74	Bellekeno East -Adit					
KV-75	Bellekeno East Pond decant					
KV-76	Thunder Gulch downstream of Bellekeno 625 Adit					
KV-77	Thunder Gulch upstream of Bellekeno 625 Adit					
KV-78	Onek Waste Rock Storage Facility					
KV-79	Christal Creek downstream of Mackeno Tailings					
KV-80	Christal Creek upstream of Mackeno Tailings					

Historical Sites Sampled Pre-1994 (no longer active sites)						
-	Elsa Adit	S-16				
-	Hillside above Culvert 4 on the Silver Trail Highway				ACG-WQ-10a	
-	Flow from Culvert #5 before confluence with Christal Creek				ACG-WQ-11 Site C	
-	Christal Creek 50 m u/s of Site A (KV-16)				ACG-WQ-11 Site B	
-	South McQuesten River just u/s Christal Creek <b>not KV-1</b>			LES 1B		
-	Flat Cr @ Keno Highway			LES 8		
-	Haldane Cr @ South McQuesten Road			LES 10		
-	Galena Creek upstream Elsa Road			LES 11A		
-	Galena Creek downstream Silver King adit			LES 11B	ACG-WQ-02	NPG-02
-	Galkeno 900 decant Pond # 2			LES 31B		
-	Galkeno 900 seep below Pond # 1			LES 31C		
-	Galkeno 900 seep below Pond #2			LES 31D		
-	Galkeno 900 Seep near Swamp effluent			LES 31 F		
-	Galkeno 900 flow along old path 5m u/s Christal L.			LES 31G		
-	Galkeno 900 Seep below wetland access road	UK23		LES 31H		
-	Erickson Gulch @ Road to Lucky Queen			LES 34		
-	Tailing Pond # 3 water			LES42		
-	Birmingham Pit			LES44		
-	Brefault Cr upstream Porcupine Diversion			LES 45		
-	Flat Cr upstream Porcupine Diversion			LES 46		
-	Unknown			LES 48		
-	Combined Seepages in Porcupine Diversion u/s Brefalt Creek			LES 51		
-	Thunder Gulch upstream Bellekeno Adit			LES 52		
-	Old Galkeno freshwater pumphouse water			LES 53		
-	Thunder Gulch downstream Bellekeno Adit			LES 54		
-	Inflow to south end of Christal Lake			LES 55		
-	Christal Lake			LES 56		
-	Galena Creek @ mouth (just upstream of Flat Creek)			LES 57		
-	Mystery Creek (approximately 1 km upstream of S-10)			LES 58		
-	Buried Tails Seepage (Elsa side)			LES 59		
-	Exposed Tails Seepage (Pond side)			LES 60		
-	Small flow into Christal Creek. parallel to Highway @ S-18 near			LES 61		
-	Small flow into Christal Creek. @ S-18, farthest from road			LES 62		
-	Sandy Creek @ Highway			LES 63		
-	Unnamed Creek 60m towards Elsa on Keno Highway from Hanson turnoff			LES 64		
-	Galkeno 300 Seep below power line along Highway			LES 65		
-	Spring along Duncan Cr Road			LES 66		
-	Porcupine Gulch @ Calumet Rd X-ing			LES 67		
-	Flat Creek @ Ballpark Rd X-ing			LES 68		
-	Flat Creek midway between tailings and Husky S.W.			LES 69		
-	Flat Creek between Husky S.W. and Galena			LES 70		
-	Flat Creek d/s Galena Creek			LES 71		
-	Seepage at toe of #3 dam			LES 73		
-	Husky Southwest flow 500 m d/s Adit			LES 74		
-	Seepage along road between Galkeno 300 & Duncan Creek Rd.			LES 75		
-	Star Creek @ Keno Highway			LES 76		
-	Husky Shaft			LES 77		
-	Seep along road to Galkeno 900, 80 m from Adit clearing			LES 78		
-	Dublin Gulch (downstream of confluence with Stewart Gulch)			W1		
-	Haggart Creek (upstream of confluence with Ironrust Creek)			W2		
-	Ironrust Creek (upstream of confluence with Haggart Creek)			W3		
-	Haggart Creek (downstream of confluence with Dublin Gulch)			W4		
-	Haggart Creek (upstream of confluence with Lynx Creek)			W5		
-	Lynx Creek (upstream of confluence with Haggart Creek)			W6		
-	Haggart Creek (downstream of confluence with Ironrust Creek)			W7		
-	Dublin Gulch (downstream of confluence with Olvie Gulch)			W8		
-	Lower Eagle Pup			W9		
-	Lower Stuttle Gulch			W10		
-	Fisher Gulch (upstream of confluence with Haggart Creek)			W11		
-	Stewart Gulch (upstream of confluence with Dublin Gulch)			W12		
-	Dublin Gulch (immediately upstream of Haggart Creek)			W12		
-	Haggart Creek (upstream of confluence with Dublin Gulch)			W12A		
-	Upper Lynx Creek			W13		
-	Lower Bawn Bay Gulch			W14		
-	No Cash Creek 35 md/s Hwy, #1			NCC1		
-	No Cash Creek 500 m d/s Hwy, #2			NCC2		
-	No Cash Creek in wetland, 800 m d/s Hwy			NCC3		
-	No Cash Creek just u/s Ditch, 1.4 km d/s Hwy			NCC4		
-	No Cash Creek u/s Adit, above old wood culvert			LES 21A		
-	No Cash Creek upstream Hwy (1.4 km NW of Keno Highway)			LES 22		
-	No Cash Creek just u/s of confluence with old ditch			LES 22A		
-	Flat Creek upstream Galena Creek			LES STN25		

Keno Hill Water Quality Monitoring - Current Site Locations

Waypoint	Easting	Northing	Description	Last date of GPS*	GPS taken by
KV-1	474008	7092790	South McQuesten River u/s Christal Creek	21/Sep/2006	Dave Desmarais
KV-2	472076	7090036	South McQuesten River at Pumphouse		Dave Desmarais
KV-3	465846	7088534	South McQuesten River u/s Flat Creek		
KV-4	465618	7088335	South McQuesten River d/s Flat Creek	21/Sep/2006	Dave Desmarais
KV-5	460691	7088873	South McQuesten River 9 km downstream Flat Creek		Dave Desmarais
KV-6	483909	7088242	Christal Creek @ Keno Highway	21/Sep/2006	Dave Desmarais
KV-7	478657	7092413	Christal Creek @ Hanson Road	21/Sep/2006	Dave Desmarais
KV-8	474585	7091944	Christal Creek @ mouth	21/Sep/2006	Dave Desmarais
KV-9	465836	7088410	Flat Creek u/s South McQuesten River		Dave Desmarais
KV-10	475015	7088571	Valley Tailings Pond #1 Decant		
KV-11	474856	7088486	Valley Tailings Pond #2 Decant		
KV-12	474310	7088278	Valley Tailings Pond #3 Decant		
KV-13	471887	7085572	Silver King Adit		
KV-14	471797	7085755	Silver King Treatment Pond #2 Decant		
KV-15	449744	7085770	South McQuesten River at Bridge below Haggart Creek		Dave Desmarais
KV-16	483887	7088863	Christal Creek 600 m d/s Silver Trail Highway		Dave Desmarais
KV-17	485332	7092431	Husky South West Adit	21/Sep/2006	Dave Desmarais
KV-18	478689	7087226	Birmingham Adit	21/Sep/2006	Dave Desmarais
KV-19	478504	7087748	Ruby Adit		
KV-20	477728	7088508	No Cash 500 Adit		
KV-21	477500	7088750	No Cash Creek @ Keno Highway		
KV-27	482636	7088837	Galkeno 300 Adit		
KV-28	482622	7088793	Galkeno 300 Treatment Pond Decant		Dave Desmarais
KV-29	483740	7088792	Silver Trail Culvert #4	21/Sep/2006	Dave Desmarais
KV-30	483856	7089091	Christal Creek 825m d/s Silver Trail Highway		Dave Desmarais
KV-31	483483	7087848	Galkeno 900 Adit		
KV-32	483512	7087719	Galkeno 900 Treatment Pond Decant		
KV-33	490000	7089499	Keno 700 Adit		
KV-34	486456	7090518	Lucky Queen Adit		
KV-35	485832	7092768	Sadie Ladue Adit		
KV-36	483836	7086820	Flame and Moth		Dave Desmarais
KV-37	490315	7087776	Lightning Creek u/s Hope Gulch		Dave Desmarais
KV-38	488193	7087341	Lightning Creek u/s Thunder Gulch		Dave Desmarais
KV-39	490252	7087783	Hope Gulch u/s Lightning Creek		Dave Desmarais
KV-40	488982	7087503	Charity Gulch u/s Lightning Creek		Dave Desmarais
KV-41	485429	7086764	Lightning Creek u/s bridge @ Keno City		Dave Desmarais
KV-42	487363	7087062	Bellekeno 600 Adit		
KV-43	487318	7087147	Bellekeno 600 Treatment Pond Decant		
KV-44	487361	7087195	Bellekeno 600 Seep	26/Nov/2008	K. Hanak/T. Murphy
KV-45	485101	7087288	Onek Adit		
KV-47	474516	7088026	Porcupine Diversion Ditch		Dave Desmarais
KV-48	482819	7087198	Hinton Creek u/s Calumet Drive		Dave Desmarais
KV-49	483582	7087009	Hinton Creek u/s Christal Creek		Dave Desmarais
KV-50	483575	7086897	Christal Creek u/s Hinton Creek		
KV-51	483600	7087010	Christal Creek d/s Hinton Creek		Dave Desmarais
KV-52	483756	7087869	Natural spring to Christal Lake at Old Mackeno pump house		Dave Desmarais
KV-53	481595	7089322	UN Adit		
KV-54	485834	7088993	Erickson Gulch at Road to Lucky Queen		Dave Desmarais
KV-55	478532	7089677	Sandy Creek at Silver Trail Highway		Dave Desmarais
KV-56	478051	7089277	Star Creek at Silver Trail Highway		Dave Desmarais
KV-57	461852	7086760	Haldane Creek at South McQuesten Road		Dave Desmarais
KV-58	Unfixed	Unfixed	Seepage at toe of #3 dam		
KV-59	471126	7087018	Galena Creek at mouth (just upstream of Flat Creek)		Dave Desmarais
KV-60	476604	7086892	Galena Creek upstream of Silver King adit		Dave Desmarais
KV-61	476607	7086895	Porcupine Gulch at Calumet Road Crossing		
KV-62	476217	7086807	Brefalt Creek upstream of Porcupine Diversion		Dave Desmarais
KV-63	474644	7087814	Flat Creek upstream of Porcupine Diversion		Dave Desmarais
KV-64	474906	7086535	Flat Creek at Silver Trail Highway		Dave Desmarais
KV-65	487464	7086873	Thunder Gulch upstream of Bellekeno		Dave Desmarais
KV-66	485599	7090833	Klondike Keno Adit		Dave Desmarais
KV-67	489496	7089983	Keno 200 Adit		Dave Desmarais
KV-68	486789	7090194	Brewis Red Lake Adit		Dave Desmarais
KV-69	474099	7088181	Flat Creek 20m u/s KV-69		Dave Desmarais
KV-70	474140	7088260	Flat Creek 20m d/s KV-69		
KV-71	474046	7088203	South McQuesten River at McQuesten Lake		Dave Desmarais
KV-72	482492	7104476	Cache Creek at access road d/s McQuesten Lake		Dave Desmarais
KV-73	482846	7103594	Bellekeno East -Adit		Dave Desmarais
KV-74	487505	7086415	Bellekeno East Pond decant	08/Nov/2008	Travis Murphy
KV-75	487594	7086161	Thunder Gulch downstream of Bellekeno 625 Adit	08/Nov/2008	Travis Murphy
KV-76	487414	7087118	Thunder Gulch d/s of BK 625	08/Nov/2008	Travis Murphy
KV-77	487742	7086013	Thunder Gulch u/s of BK East	08/Nov/2008	Travis Murphy
KV-78	485726	7087518	Onek Waste Rock Storage Facility	26/Nov/2008	K. Hanak/T. Murphy
KV-79	483796	7087919	Christal Creek d/s MacKeno Tailings	07/Nov/2008	Durand Cornett
KV-80	483790	7087869	Christal Creek u/s Mackeno Tailings	07/Nov/2008	Durand Cornett
LUCKY	486626	7090541			Dave Desmarais
LUCKYQ RD	485703	7090489			Dave Desmarais
NOCASHXING	477485	7088790	KV-21	21/Sep/2006	Dave Desmarais
ONEK ADIT	485210	7087327	KV-45	21/Sep/2006	Dave Desmarais
PITODEATH	474724	7092955	Pit on KV 1 access trail	21/Sep/2006	Dave Desmarais
RD TO FLAT	476202	7086792	Road to Flat Creek S. of Hwy		Dave Desmarais
SADIE	485909	7092844	KV-35	21/Sep/2006	Dave Desmarais
ENT KV-8	474027	7092789	KV-8 trailhead	21/Sep/2006	Dave Desmarais
KENO700	489980	7089606	Keno 700 (KV-33)		Dave Desmarais
Onek Adit	485214	7087327	Onek Adit (KV-45)		
BK 625	487358	7086991	BK 625 (KV-42)		

UTM Zone 8 NAD83

\*Date of coordinates is best guess

Coordinates in red are taken from 1:50K topo  
Coordinates in green are taken from orthophotos