This Spreadsheet Contains Surface Water Quality Data that was Collected in the Bitterroot River Watershed in 2013

Metals data was collected on Lick Creek, one of its tributaries, an irrigation canal, and at the Lolo WWTP during three sampling events in 2013 Summaries of the data are presented in cross-tabular format in two separate tabs in this spreadsheet: 2013 Metals Data, 2013 Sediment Metals Data

The data is also available in EPA's STORET (STOrage and RETrieval) database found at: (http://www.epa.gov/storet/) The "STORET Download" tab contains the data in the format it is provided from STORET, containing all data attributes. Key columns have been highlighted for your convenience.

You may see a letter or symbol preceding some result values (Example: E 15) in the summary data. Definitions are listed below.

Codes & A	bbreviations
С	Calculated
Е	Estimated
< [value]	This indicates a non-detect sample. The detection limit is populated as the value: "<[detection limit]"

The summary data also contains laboratory data qualifier codes, included after the result value. Definitions are below.

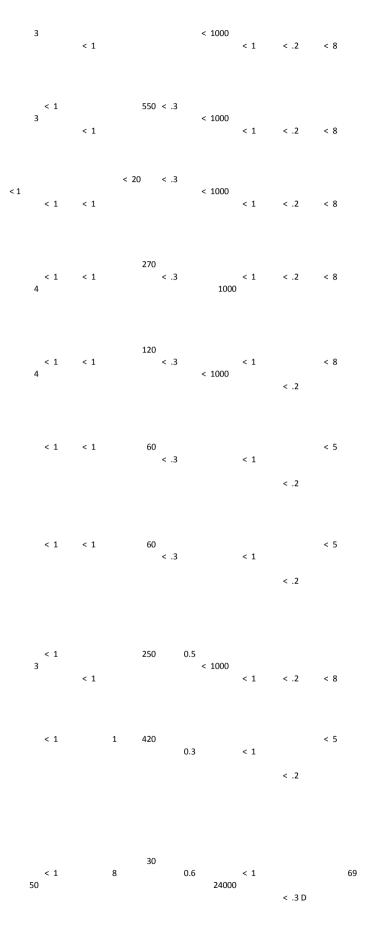
 D
 Reporting limit (RL) increased due to sample matrix interference (sample dilution)

 J
 Estimated: The analyte was positively identified and the associated numerical value is the

Metals Ab	breviations
AI	Aluminum
As	Arsenic
Cd	Cadmium
Ca	Calcium
Cr	Chromium
Cu	Copper
Fe	Iron
Pb	Lead
Mg	Magnesium
Se	Selenium
Ag	Silver
Zn	Zinc

Station (Site) Name	Site ID	Activity Date Activity ID	Latitude (NAD 83)	Longitude (NAD 83)	Waterbody Type	Activity (Sample) Type	Hardnes (mg/L)		H TSS (ug/L) ((ug/L) Cd (ug/L) TR TR	(mg/I)	ug/L) Cu (ug R TR		Pb (ug/L) M TR	Mg (ug/L) Se (ug/l TR TR	.) Ag (ug/L TR	L) Zn (ug/L) TR
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01 C05DETBN01	6/14/2013 17:12 C2706-F 6/14/2013 17:09 C2706-W	46.83197 46.83197		Pond-Stormwater Pond-Stormwater	Field Msr/Obs Sample-Routine		E 0 7	.66	56								
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:09 C2706-W	46.83197		Pond-Stormwater	Sample-Routine				50			6	12 1180				80
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:09 C2706-W	46.83197		Pond-Stormwater	Sample-Routine					0.15		Ū	12 1100	4.4	< 1		
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:09 C2706-W	46.83197	-114.05358	Pond-Stormwater	Sample-Routine												
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:09 C2706-W	46.83197	-114.05358	Pond-Stormwater	Sample-Routine											< .2	
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:09 C2706-W	46.83197		Pond-Stormwater	Sample-Routine					2							
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:09 C2706-W	46.83197		Pond-Stormwater	Sample-Routine	C 53.9											
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	COSDETBN01	6/14/2013 17:09 C2706-W	46.83197		Pond-Stormwater	Sample-Routine			34000	< 9								
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01 C05DETBN01	6/14/2013 17:30 C2707-W 6/14/2013 17:30 C2707-W	46.83197 46.83197		Pond-Stormwater Pond-Stormwater	Quality Control Sample-Field Blank Quality Control Sample-Field Blank				< 9		< 1	< 1	< 10				< 5
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:30 C2707-W	46.83197		Pond-Stormwater	Quality Control Sample-Field Blank					< .03	· 1	• 1	10	< .3	< 1		. 5
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:30 C2707-W	46.83197		Pond-Stormwater	Quality Control Sample-Field Blank												
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:30 C2707-W	46.83197	-114.05358	Pond-Stormwater	Quality Control Sample-Field Blank											< .2	
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:30 C2707-W	46.83197	-114.05358	Pond-Stormwater	Quality Control Sample-Field Blank				< 1	1							
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:30 C2707-W	46.83197		Pond-Stormwater	Quality Control Sample-Field Blank	C < 1											
Detention Basin near Bunkhouse Bridge/Bitterroot River crossing	C05DETBN01	6/14/2013 17:30 C2707-W	46.83197		Pond-Stormwater	Quality Control Sample-Field Blank		2.22	< 1000									
Lost Horse Creek Canal	C05LHCCN01	9/3/2013 11:45 C2675-F	46.09401		Canal Irrigation	Field Msr/Obs		2.22 0	.//	25								
Lost Horse Creek Canal Lost Horse Creek Canal	C05LHCCN01 C05LHCCN01	9/3/2013 11:45 C2675-W 9/3/2013 11:45 C2675-W	46.09401 46.09401		Canal Irrigation Canal Irrigation	Sample-Routine Sample-Routine				25				< 20				
Lost Horse Creek Canal	C05LHCCN01	9/3/2013 11:45 C2675-W	46.09401		Canal Irrigation	Sample-Routine				< 1	1 < .03	< 1	< 1	< 20	< .3	< 1	< .2	< 8
Lost Horse Creek Canal	C05LHCCN01	9/3/2013 11:45 C2675-W	46.09401		Canal Irrigation	Sample-Routine						2	. –			< 1000		
Lost Horse Creek Canal	C05LHCCN01	9/3/2013 11:45 C2675-W	46.09401		Canal Irrigation	Sample-Routine	C 5 B											
Lost Horse Creek Canal	C05LHCCN01	9/3/2013 11:45 C2675-W	46.09401	-114.21542	Canal Irrigation	Sample-Routine			< 4000									
Lost Horse Creek Canal	C05LHCCN01	6/14/2013 12:40 C2702-F	46.09401	-114.21542	Canal Irrigation	Field Msr/Obs		41.74	.27									
Lost Horse Creek Canal	C05LHCCN01	6/14/2013 12:30 C2702-W	46.09401		Canal Irrigation	Sample-Routine				55								
Lost Horse Creek Canal	C05LHCCN01	6/14/2013 12:30 C2702-W	46.09401		Canal Irrigation	Sample-Routine						< 1	< 1	20				< 5
Lost Horse Creek Canal Lost Horse Creek Canal	C05LHCCN01	6/14/2013 12:30 C2702-W	46.09401		Canal Irrigation	Sample-Routine					< .03				< .3	< 1		
Lost Horse Creek Canal	C05LHCCN01 C05LHCCN01	6/14/2013 12:30 C2702-W 6/14/2013 12:30 C2702-W	46.09401 46.09401		Canal Irrigation Canal Irrigation	Sample-Routine Sample-Routine											< .2	
Lost Horse Creek Canal	C05LHCCN01	6/14/2013 12:30 C2702-W	46.09401		Canal Irrigation	Sample-Routine				< 1	1						× .2	
Lost Horse Creek Canal	C05LHCCN01	6/14/2013 12:30 C2702-W	46.09401		Canal Irrigation	Sample-Routine	C 2.5				-							
Lost Horse Creek Canal	C05LHCCN01	6/14/2013 12:30 C2702-W	46.09401		Canal Irrigation	Sample-Routine			< 1000									
Lost Horse Creek Canal	C05LHCCN01	7/24/2013 13:20 C2880-F	46.09401	-114.21542	Canal Irrigation	Field Msr/Obs		3.37 (5.94									
Lost Horse Creek Canal	C05LHCCN01	7/24/2013 13:20 C2880-W	46.09401		Canal Irrigation	Sample-Routine				38 J								
Lost Horse Creek Canal	C05LHCCN01	7/24/2013 13:20 C2880-W	46.09401		Canal Irrigation	Sample-Routine				< 1	1 < .03	< 1		< 20	< .3			
Lost Horse Creek Canal	C05LHCCN01	7/24/2013 13:20 C2880-W	46.09401		Canal Irrigation	Sample-Routine						1	- 1			< 1000		< 9
Lost Horse Creek Canal Lost Horse Creek Canal	C05LHCCN01 C05LHCCN01	7/24/2013 13:20 C2880-W 7/24/2013 13:20 C2880-W	46.09401 46.09401		Canal Irrigation Canal Irrigation	Sample-Routine Sample-Routine	C 5 B						< 1			< 1	< .2	< 8
Lost Horse Creek Canal	C05LHCCN01	7/24/2013 13:20 C2880-W	46.09401		Canal Irrigation	Sample-Routine	CJD		< 4000									
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2676-F	46.09424		River/Stream	Field Msr/Obs		2.25										
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2676-W	46.09424		River/Stream	Sample-Routine				198								
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2676-W	46.09424	-114.18955	River/Stream	Sample-Routine								310				
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2676-W	46.09424	-114.18955	River/Stream	Sample-Routine				< 2	1 < .03	< 1	< 1		< .3	< 1	< .2	< 8
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2676-W	46.09424		River/Stream	Sample-Routine						4				1000		
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2676-W	46.09424		River/Stream	Sample-Routine	C 14 B											
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2676-W	46.09424		River/Stream	Sample-Routine			< 4000									
Lick Creek at Lick Creek Road crossing near mouth Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01 C05LICKC01	9/3/2013 12:45 C2677-W 9/3/2013 12:45 C2677-W	46.09424 46.09424		River/Stream River/Stream	Quality Control Sample-Field Replicate Quality Control Sample-Field Replicate				175				310				
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2677-W	46.09424		River/Stream	Quality Control Sample-Field Replicate				< 1	1 < .03	< 1	< 1	510	< .3	< 1	< .2	< 8
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2677-W	46.09424		River/Stream	Quality Control Sample-Field Replicate					- 100	4			. 15	1000		
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2677-W	46.09424		River/Stream	Quality Control Sample-Field Replicate	C 14 B											
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2677-W	46.09424	-114.18955	River/Stream	Quality Control Sample-Field Replicate			< 4000									
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2678-W	46.09424	-114.18955	River/Stream	Quality Control Sample-Field Blank				< 9								
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2678-W	46.09424		River/Stream	Quality Control Sample-Field Blank								< 20				
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2678-W	46.09424		River/Stream	Quality Control Sample-Field Blank				< 1		< 1	< 1		< .3	< 1	< .2	< 8
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	9/3/2013 12:45 C2678-W	46.09424		River/Stream	Quality Control Sample-Field Blank	C D					<1				< 1000		
Lick Creek at Lick Creek Road crossing near mouth Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01 C05LICKC01	9/3/2013 12:45 C2678-W 9/3/2013 12:45 C2678-W	46.09424 46.09424		River/Stream River/Stream	Quality Control Sample-Field Blank Quality Control Sample-Field Blank	C 2		< 4000									
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:33 C2701-F	46.09424		River/Stream	Field Msr/Obs		12.92										
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine			-	776								
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine				-		< 1	< 1	520	1			< 5
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine					< .03				0.3	< 1		
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine												
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine											< .2	
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine				< 1	1							
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine	C 10.1		6000									
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	6/14/2013 11:24 C2701-W	46.09424		River/Stream	Sample-Routine		5.2	6000									
Lick Creek at Lick Creek Road crossing near mouth Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01 C05LICKC01	7/24/2013 14:45 C2881-F 7/24/2013 14:45 C2881-W	46.09424 46.09424		River/Stream River/Stream	Field Msr/Obs Sample-Routine		5.2		297 J								
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2881-W	46.09424		River/Stream	Sample-Routine				< 297 5	1 < .03	< 1		520	< .3			
Let breek at the eleck hour crossing near mouth	COSCIENCEDI	., 2., 2010 14.45 02001 W	-0.03424									1		520	5			

Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2881-W	46.09424	-114.18955 River/Stream	Sample-Routine			
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2881-W	46.09424	-114.18955 River/Stream	Sample-Routine			
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2881-W	46.09424	-114.18955 River/Stream	Sample-Routine	C 12		
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2881-W	46.09424	-114.18955 River/Stream	Sample-Routine		< 4000	
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2882-F	46.09424	-114.18955 River/Stream	Quality Control Field Replicate Msr/Obs		6.9	
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2882-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Replicate		404 J	
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2882-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Replicate			< .03
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2882-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Replicate			
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2882-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Replicate			
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2882-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Replicate	C 12		
-				-114.18955 River/Stream		C 12	< 4000	
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 14:45 C2882-W	46.09424		Quality Control Sample-Field Replicate			
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 15:15 C2883-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Blank		< 9	
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 15:15 C2883-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Blank		< 1	< .03
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 15:15 C2883-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Blank			
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 15:15 C2883-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Blank			
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 15:15 C2883-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Blank	C 1		
Lick Creek at Lick Creek Road crossing near mouth	C05LICKC01	7/24/2013 15:15 C2883-W	46.09424	-114.18955 River/Stream	Quality Control Sample-Field Blank		< 4000	
Lick Creek off Hwy 93	C05LICKC02	9/3/2013 14:00 C2679-F	46.10497	-114.18537 River/Stream	Field Msr/Obs		3.73 6.75	
Lick Creek off Hwy 93	C05LICKC02	9/3/2013 13:45 C2679-W	46.10497	-114.18537 River/Stream	Sample-Routine		146	
Lick Creek off Hwy 93	C05LICKC02	9/3/2013 13:45 C2679-W	46.10497	-114.18537 River/Stream	Sample-Routine			
Lick Creek off Hwy 93	C05LICKC02	9/3/2013 13:45 C2679-W	46.10497	-114.18537 River/Stream	Sample-Routine		< 1	< .03
Lick Creek off Hwy 93	C05LICKC02	9/3/2013 13:45 C2679-W	46.10497	-114.18537 River/Stream	Sample-Routine			
Lick Creek off Hwy 93	C05LICKC02	9/3/2013 13:45 C2679-W	46.10497	-114.18537 River/Stream	Sample-Routine	C 14 B		
Lick Creek off Hwy 93	C05LICKC02	9/3/2013 13:45 C2679-W	46.10497	-114.18537 River/Stream	Sample-Routine	0110	< 4000	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	9/3/2013 10:25 C2674-F	46.07679	-114.25191 River/Stream	Field Msr/Obs		0.4 6.27	
		9/3/2013 10:20 C2674-P		-114.25191 River/Stream				
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03		46.07679		Sample-Routine		58	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	9/3/2013 10:20 C2674-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	9/3/2013 10:20 C2674-W	46.07679	-114.25191 River/Stream	Sample-Routine		< 1	< .03
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	9/3/2013 10:20 C2674-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	9/3/2013 10:20 C2674-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	9/3/2013 10:20 C2674-W	46.07679	-114.25191 River/Stream	Sample-Routine	C 12 B		
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	9/3/2013 10:20 C2674-W	46.07679	-114.25191 River/Stream	Sample-Routine		18000	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:46 C2703-F	46.07679	-114.25191 River/Stream	Field Msr/Obs		3.39 7.44	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine		41	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine			< .03
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine		< 1	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine	C 7.3		
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2703-W	46.07679	-114.25191 River/Stream	Sample-Routine	0 /15	< 1000	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream	Quality Control Sample-Field Replicate		47	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream	Quality Control Sample-Field Replicate		47	
		6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream				< .03
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03				Quality Control Sample-Field Replicate			< .03
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream	Quality Control Sample-Field Replicate			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream	Quality Control Sample-Field Replicate			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream	Quality Control Sample-Field Replicate		< 1	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream	Quality Control Sample-Field Replicate	C 7.3		
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	6/14/2013 13:44 C2704-W	46.07679	-114.25191 River/Stream	Quality Control Sample-Field Replicate		1500	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	7/24/2013 10:15 C2878-F	46.07679	-114.25191 River/Stream	Field Msr/Obs		0.31 6.74	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	7/24/2013 10:15 C2878-W	46.07679	-114.25191 River/Stream	Sample-Routine		46 J	
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	7/24/2013 10:15 C2878-W	46.07679	-114.25191 River/Stream	Sample-Routine		< 1	< .03
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	7/24/2013 10:15 C2878-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	7/24/2013 10:15 C2878-W	46.07679	-114.25191 River/Stream	Sample-Routine			
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	7/24/2013 10:15 C2878-W	46.07679	-114.25191 River/Stream	Sample-Routine	C 10		
Lick Creek downstream of upper bridge of Lost Horse cutoff	C05LICKC03	7/24/2013 10:15 C2878-W	46.07679	-114.25191 River/Stream	Sample-Routine		< 4000	
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:55 C2705-F	46.07686	-114.2449 River/Stream	Field Msr/Obs		E 0.1 7.62	
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine		446	
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine			
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine			< .03
					-			< .05
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine			
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine			
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine	.	1	
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine	C 49		
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	6/14/2013 14:45 C2705-W	46.07686	-114.2449 River/Stream	Sample-Routine		3000	
Unnamed Tributary to Lick Creek at mouth	C05LICKT01	7/24/2013 11:00 C2879-F	46.07686	-114.2449 River/Stream	Field Msr/Obs		EO	
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-F	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Field Msr/Obs		E 0.3 6.59	
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine		< 9	
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine			
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine		< 1	0.05 D
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine			
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine			
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine	C 225		
Lolo WWTP outfall	C05LWWTP01	9/3/2013 8:30 C2673-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine		< 4000	
				, ,				



Lolo WWTP outfall	C05LWWTP01	7/24/2013 8:30 C2877-F	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Field Msr/Obs	0.17 6.82		
Lolo WWTP outfall	C05LWWTP01	7/24/2013 8:30 C2877-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine		: 9	
Lolo WWTP outfall	C05LWWTP01	7/24/2013 8:30 C2877-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine		< 1	0.05 D
Lolo WWTP outfall	C05LWWTP01	7/24/2013 8:30 C2877-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine			
Lolo WWTP outfall	C05LWWTP01	7/24/2013 8:30 C2877-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine			
Lolo WWTP outfall	C05LWWTP01	7/24/2013 8:30 C2877-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine	C 209		
Lolo WWTP outfall	C05LWWTP01	7/24/2013 8:30 C2877-W	46.77532	-114.07144 Facility Municipal Sewage (POTW)	Sample-Routine	< 4000		

< 1		50	0.8		0.4	
47				22000		
	5			< 1		74

DRGID	STATIONID	STATIONNAME	PROJID	ACTIVITYMEDIA	Date	ACTIVITYSTARTTIME	RESULTORTECTIO	CHARACTERISTICNAME	RESULTSAMPERACTION	RESULTMEASURE	RESULTMENS	RESULTMEASUREQUALIFIERCODE	ANALYTICALMETHODID	ANALYTICALMETHODIDCONTEXT	LATITUDE	LONGITUDE	ACTIVITYTYPECODE
Q	COSDETBN01	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Ansenic	Total Recoverable	6.13	48/g		200.8	USZPA	46.83197	-114.05358	Sample-Routine
2	COSDETENIOS	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Cadmium	Total Recoverable	0.61	ue/e		200.8	USZPA	46.83197	-114.05358	Sample-Routine
	COSDETENOS	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Chromium	Total Recoverable	21.5	ue/e		200.7	USZPA	46.83197	-114.05358	Sample-Routine
2	COSDETBNOS	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Copper	Total Recoverable	59.5	4g/g		200.7	USEPA	45.83197	-114.05358	Sample-Routine
2	COSDETENIOS	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Iron	Total Recoverable	11500				USZPA	46.83197	-114.05358	Sample-Routine
	COSDETBNOS	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Lead	Total Recoverable	46.5	4g/g		200.8	USEPA	45.83197	-114.05358	Sample-Routine
	COSDETENOS	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Mercury	Total	0.0	4g/g		74718	USEPA	45.83197	-114.05358	Sample-Routine
2	COSDETENIOS	Detention Basin near Bunkhouse Bridge/Bitte	BITT-TPA-2013	Sediment	6/14/2013	17:09:00		Zinc	Total Recoverable		ue/e			USZPA	46.83197	-114.05358	Sample-Routine
2	C05LHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00		Arsenic	Total Recoverable	1.0	4g/g	D = Contract required quantitation limit not	200.8	USEPA	45.09401	-114.21542	Sample-Routine
2	COSLHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00		Cadmium	Total Recoverable	0.13	ue/e	D - Contract required quantitation limit not	200.8	USZPA	46.09401	-114.21542	Sample-Routine
	C05LHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00		Chromium	Total Recoverable	17.3	us/s	D - Contract required quantitation limit not	200.8	USEPA	46.09401	-114.21542	Sample-Routine
2	COSLHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00		Copper	Total Recoverable	7.5	46/6	D = Contract required quantitation limit not	200.8	USEPA	45.09401	-114.21542	Sample-Routine
	C05LHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00		iron	Total Recoverable	14500	us/s	D - Contract required quantitation limit not	200.8	USEPA	46.09401	-114,21542	Sample-Routine
2	COSLHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00		Lead	Total Recoverable	161	ue/e	D - Contract required quantitation limit not	200.8	USEPA	46.09401	-114.21542	Sample-Routine
2	C05LHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00	Not Detected	Mercury	Total	< 0.5	us/s	H = holding time exceeded	7471A	USEPA	46.09401	-114,21542	Sample-Routine
2	COSLHCCN01	Lost Horse Creek Canal	BITT-TPA-2013	Sediment	9/3/2013	11:45:00		Zinc	Total Recoverable	60	us/s	D - Contract required quantitation limit not	200.8	USEPA	46.09401	-114,21542	Sample-Routine
2	0500001	Lick Creak at Lick Creak Board crossing near mo	B/TT.TPA.2013	Serliment	9/3/2013	12-05-00		Amenic	Total Bermerable	23	ue/e	D = Contract required musclitation limit not	200.8	119704	45 (9)424	.114 18955	Sample Brutine
2	C05UCXC01	Lick Creek at Lick Creek Road crossing near mo	BITT-TPA-2013	Sediment	9/3/2013	12:45:00		Cadmium	Total Recoverable	0.01	us/s	D - Contract required quantitation limit not	200.8	USEPA	46.09424	-114.18955	Sample-Routine
5	0500001	Lick Creak at Lick Creak Boad crossing near mo	BITT.TPA.2013	Serliment	9/3/2013	12-45-00		Chromium	Total Bermerable	73	ue/e	D - Contract required quantitation limit not	200.8	1157.04	45 09424	.114 18955	Sample Brutine
	COSUCXCO1	Lick Creek at Lick Creek Road crossing near mo	BITT-TPA-2013	Sediment	9/3/2013	12:45:00		Copper	Total Recoverable	13.3	us/s	D - Contract required quantitation limit not	200.8	USEPA	46.09424	-114.18955	Sample-Routine
2	COSUCXCO1	Lick Creek at Lick Creek Road crossing near mo	BITT-TPA-2013	Sediment	9/3/2013	12:45:00		iren	Total Recoverable	9810	us/s	D - Contract required quantitation limit not	200.8	USEPA	46.09424	-114.18955	Sample-Routine
	0500001	Lick Creak at Lick Creak Boad crossing near mo	BITT.TPA.2013	Serliment	9/3/2013	12-45-00		Intel	Total Bermerable	42 1	ue/e	D = Contract required quantitation limit not	200.8	1157.04	45 09424	.114 18955	Sample Brutine
2	COSUCXCO1	Lick Creek at Lick Creek Road crossing near mo	BITT-TPA-2013	Sediment	9/3/2013	12:45:00	Not Detected	Mercury	Total	< 0.5	us/s	H = holding time exceeded	7471A	USEPA	46.09424	-114.18955	Sample-Routine
5	0500001	Lick Creak at Lick Creak Boad crossing near mo	BITT.TPA.2013	Serliment	9/3/2013	12-45-00		Zinr	Total Bermerable	52	ue/e	D = Contract required quantitation limit not	200.8	1157.04	45 09424	.114 18955	Sample Brutine
2	0500001	Lick Creak at Lick Creak Board crossing near mo	B/TT.TPA.2013	Serliment	9/3/2013	12-05-00		Amenic	Total Bermerable	2.0	ue/e	D - Contract required quantitation limit not	200.8	119704	45 (9)424	.114 18955	Quality Control Sample-Field Repli
2	COSUCXCO1	Lick Creek at Lick Creek Road crossing near mo	BITT-TPA-2013	Sediment	9/3/2013	12:45:00		Cadmium	Total Recoverable	0.15	us/s	D - Contract required quantitation limit not	200.8	USEPA	46.09424		Quality Control Sample-Field Repli
2	0500001	Lick Creak at Lick Creak Boad crossing near mo	BITT.TPA.2013	Serliment	9/3/2013	12-45-00		Chromium	Total Bermerable	28.0	ue/e	D - Contract required quantitation limit not	200.8	1157.04	45 09424	.114 18955	Quality Control Sample-Field Repli
2	0500001	Lick Creak at Lick Creak Board mousing near mo	BITT-TPA-2013	Serliment	9/3/2013	12,45:00		Concer	Total Bermarable		ue/e	D = Contract required quantitation limit ont	200.8	1197.04	45 09424	.114 18955	Quality Control Sample-Field Repli
,	0500001	Lick Creek at Lick Creek Road crossing near mo	BITT.TPA.2013	Serliment	9/3/2013	12-05-00		loop	Total Bermerable	12100	ue/e	D = Contract required quantitation limit not	200.8	1157.04	45 09424	.114 18955	Quality Control Sample-Field Repli
2	0500001	Lick Creak at Lick Creak Board mousing near mo		Serliment	9/3/2013	12,45:00		lead	Total Bermarable	#1 C	ue/e	D = Contract required quantitation limit ont	200.8	1197.04	45 09424		Quality Control Sample-Field Repli
2	0500001	Lick Creek at Lick Creek Road crossing near mo	BITT-TPA-2013	Serliment	9/3/2013	12,45:00	Not Detected	Manager	Total	(0)	ue/e	H = holding time exceeded	7471A	1197.04	45 09424	.114 18955	Quality Control Sample-Field Repl
5	C05UCXC01	Lick Creek at Lick Creek Road crossing near mo		Sediment	9/3/2013			Zips	Total Recoverable		us/s	D = Contract required quantitation limit not		USEPA	46.09424		Quality Control Sample-Field Repl
	0500003	Lick Creak downstream of upper bridge of Los	BITT-TPA-2013	Serliment	9/3/2013	10-20-00		Amenic	Total Bermarable	23	ue/e	D = Contract required quantitation limit ont	200.8	1197.04	45 07679	.114 25191	Sample-Boutine
	COSUCICO3	Lick Creek downstream of upper bridge of Los		Sediment	9/3/2013	10:20:00		Cadmium	Total Recoverable	0.2	us/s	D = Contract required quantitation limit not	200.8	USEPA	46.07679		Sample-Routine
	0500003	Lick Creek downstream of upper bridge of Los		Serliment	9/3/2013			Chromium	Total Bermarable		ue/e	D = Contract required quantitation limit not	200.8	USEPA	45 07679	.114 25191	Sample-Routine
	COSUCICO3	Lick Creak downstream of upper bridge of Los		Sediment	9/3/2013			Conner	Total Recoverable		un/e	D = Contract required quantitation limit not		1197.04	46.07679	.114 25191	Sample Routine
	005000000	Lick Creak downstream of upper bridge of Los		Serliment	9/3/2013			kan	Total Recoverable	11200		D = Contract required quantitation limit not		1197.04	45.07679		Sample-Boutine
	0500003	Lick Creak downstream of upper bridge of Los	BITT.TPA.2013	Serliment	9/3/2013	10-20-00		lead	Total Bermarable	21	ue/e	D = Contract required quantitation limit ont	200.8	1197.04	45 07679	.114 25191	Sample-Boutine
-	CORDENCED	Lick Creak downstream of upper bridge of Los		Sediment	9/3/2013		Not Detected	Manage	Tabal			H = holding time avcarded		UITA	40.07079		Sample Routine
	005000000	Lick Creak downstream of upper bridge of Los		Serliment	9/3/2013		and personality	Ter	Total Bermarable		ue/e	D = Contract required quantitation limit ont	100.8	1197.04	45.07679		Sample Brutine