Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 1
Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The SFCDR Watershed
OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
LOK024	SILVER CABLE MINE	Adit drainage	25-30 gpm (IGS)	SF-208	SFCDR	Passive Treatment	Low Human Access, and More than 1 mile from houses	Moderate erosion	0	58.3		PRIVATE		Prospect/Exploration Pits/Dozer Cut Trenches		36 samples at SF-208, AWQC ratio: ND - 0.44, PB: ND - 25.65 Adit drainage 25-30 gpm, exceeds AWQC for DZn and DCd IGS - Producing mine, ore processed at Hecla Burke facility
LOK051	DAISY GULCH OLD LANDFILL	Floodplain artificial fill	45,840	SF-208	SFCDR	Regrade/ Consolidate/Revegetate	Moderate Human Access, and 1/4 to 1/2 mile from houses		0	20.8		PRIVATE	Village of Mullan			36 samples at SF-208, AWQC ratio: ND - 0.44, PB: ND - 25.65
LOK050	DAISY GULCH TAILINGS POND	Upland tailings - inactive facilities	13,000	SF-208	SFCDR	Excavate and Dispose			0	172		PRIVATE	Village of Mullan			36 samples at SF-208, AWQC ratio: ND - 0.44, PB: ND - 25.65
MUL058	LUCKY FRIDAY TAILINGS POND No.1	Floodplain sediments Floodplain sediments (underlying tailings pond) Floodplain tailings - active facilities	140,000 130,000 576,000	SF-208	SFCDR	Excavate and Repository Hydrualic Isolation Impoundment Closure	adjacent to remediated areas, residences near bottom of access road		33.8	0		PRIVATE	Hecla Limited			36 samples at SF-208, AWQC ratio: ND - 0.44, PB: ND - 25.65
MUL131	NATIONAL MILLSITE	Upland tailings	6,600	SF-228	SFCDR	Excavate and Dispose	High Human Access, and Within 1/4 mile from houses	Moderate erosion	0	340		PRIVATE	Hecla Limited			Human health, millsite
MUL132	NATIONAL MILLSITE ADJACENT TAILINGS	Upland tailings	1,800	SF-228	SFCDR	Excavate and Dispose	High Human Access, and Within 1/4 mile from houses	Moderate erosion	0.370	181		PRIVATE	Shoshone County Fire District #3			Human health, millsite, ICP Work and Fire Station, In line for additional ICP work
MUL037	LUCKY FRIDAY TAILINGS POND No. 2	Floodplain sediments Floodplain sediments (underlying tailings pond) Floodplain tailings - active facilities	90,000 42,000 167,000	SF-228	SFCDR	Excavate and Repository Impoundment Closure Hydraulic Isolation	residences and other remediated properties adjacent to west end		10.1	0		PRIVATE				Human health
MUL018	MULLAN METALS MINE	Floodplain waste rock	14,400	SF-228	SFCDR	Excavate and Dispose	High Human Access, and More than 1 mile from houses	No erosion	0	133		BLM	Gold Creek Mines			Human health
MUL019	MORNING NO.6	Floodplain Tailings Floodplain waste rock Adit Drainage	85,000 336,300	SF-228	SFCDR	Excavate and Dispose Excavate and Cap Active Treatment	High Human Access, and Within 1/4 mile from houses	Moderate erosion	16.5	0		PRIVATE			Yes	Ownership issues: Does Hecla have full responsibility for the site? Is the whole site being managed or only NPDES dischsarge, US Silver ownership of buildings, other areas?
MUL020	LUCKY FRIDAY TAILINGS POND No. 3	Floodplain sediments (underlying tailings pond) Floodplain tailings - active facilities	190,000 183,000	SF-228	SFCDR	Hydraulic Isolation Impoundment Closure			11.0	173		PRIVATE	Hecla Limited			
MUL063	GEM STATE MINE	Floodplain waste rock	5,040	SF-228	SFCDR	Excavate and Cap	Moderate Human Access, and More than 1 mile from houses	No erosion	0	131		PRIVATE				
MUL065	MOE MINE	Floodplain waste rock	7,440	SF-228	SFCDR	Excavate and Cap			0	120		PRIVATE	Gold Creek Mines			
WAL038	SF CDA RIVER IMPACTED FLOODPLAIN: NO. 1	Floodplain sediments	480,000	SF-268	SFCDR	Excavate and Repository			83.4	0		PRIVATE			Yes	Soil/sediment - Lead 1.6K to 15.5K at 6 sample locations with 3 depth intervals each (0-6, 6-12,12-18) - LC-10022, LC-10023, LC-10087, LC-10088, LC-10089, LC-10090.
MUL001	GOLCONDA MINESITE	Floodplain waste rock	75,360	SF-228	SFCDR	Excavate and Dispose	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	N/A	25.9		PRIVATE	Golconda Mining Corporation			Volumes, cost, and action need to be modified. In RA Effectiveness Monitoring Phase, no additional actions planned.
MUL002	GOLCONDA MILLSITE	Upland tailings	23,000	SF-228	SFCDR	Excavate and Dispose			N/A	2.48		PRIVATE				Volumes, cost, and action need to be modified. In RA Effectiveness Monitoring Phase, no additional actions planned.
WAL076	MARY D CLAIM WORKINGS	Floodplain waste rock	40,800	SF-228	SFCDR	Excavate and Dispose	High Human Access, and 1/2 to 1 mile from houses	No erosion	0	0		PRIVATE	~~J. Chris Pfahl~~ Rust			Human health House and Sawmill present. In line for ICP work, need to adjust for portion of site to be remediated by ICP and portion not addressed.
WAL077	GOLCONDA TAILINGS	Floodplain sediments	42,000	SF-228	SFCDR	Excavate and Repository	High Human Access, and Within 1/4 mile from houses	No erosion	6.71	17.8		PRIVATE	John Chris Pfahl			Human health Portion of property is commercial use. Check for ICP work.
WAL020	CALADAY MINE	Upland Waste rock (with Potential) Adit drainage	139,000	SF-268	SFCDR	Excavate and Cap Active Treatment	active status, within 2000' of County ROW Low Human Access, and 1/2 to 1 mile from houses	No erosion	5.19	0		PRIVATE				Active facility
WAL037	HERCULES MILLSITE	Upland tailings	12,000	SF-268	SFCDR	Excavate and Dispose	High Human Access, and 1/2 to 1 mile from houses	No erosion	1.75	115		PRIVATE				Remediated, part of Wallace Yard project, need to adjust volume, cost, and action.
WAL004	SF CDA RIVER RAILROAD YARDS & IMP FLDP	Floodplain sediments	160,000	SF-268	SFCDR	Excavate + Repository +Stream Lining + French Drain			52.4	0		PRIVATE				Remediated, part of Wallace Yard project, need to adjust volume, cost, and action.
WAL035	OSBURN ROCKPIT ALONG I-90: NO. 2	Floodplain waste rock	140,000	SF-268	SFCDR	Excavate and Cap	No Human Access, and 1/4 to 1/2 mile from houses	No erosion	4.79	0		PRIVATE				Source of materials at this location may not be mining related. Source for construction rock.
OSB120	SF CDA RIVER IMPACTED FLOODPLAIN: NO. 4	Floodplain sediments	1,200,000	SF-268	SFCDR	Excavate + Repository +Stream Lining + French Drain			166	0		PRIVATE				Revise property ownership, public lands present. Remedial actions conducted - Silverton edge of BLM Silverton tailings, North Bank SVNRT Removals and BLM capping of tailings in Bridge abutment area.
WAL001	OSBURN TAILINGS PONDS	Floodplain sediments (underlying tailings pond) Upland tailings - active facilities	430,000 3,100,000	SF-268	SFCDR	Hydraulic Isolation Impoundment Closure	a few residences near the downstream end of the ponds, Moderate Human Access, and Within 1/4 mile from houses	No erosion	65.6	84.2		PRIVATE				Active facility
OSB117	OSBURN ZANETTI STOCKPILED TAILINGS	Floodplain tailings	14,000	SF-268	SFCDR	Excavate and Dispose			1.34	0		PRIVATE	Zanetti Brothers, Inc.			~~Active facility.~~ Removed from Active Site category, not an active facility
OSB119	OSBURN ZANETTI GRAVEL OPERATION	Floodplain sediments (underlying tailings pond)	410,000	SF-268	SFCDR	Hydraulic Isolation			55.5	0		PRIVATE	Zanetti Brothers, Inc.			Active facility
OSB118	OSBURN NORTH TAILINGS AREA	Floodplain sediments	60,000	SF-268	SFCDR	Excavate and Repository			22.8	0		PRIVATE	Zanetti Brothers, Inc.			Soil sediment data may exist
WAL014	ST. ELMO MINE	Upland waste rock (erosion potential)	39,000	SF-268	SFCDR	Excavate and Cap	within 1600' of residences		1.61	0		PRIVATE	Stimson Lumber Company			
POL021	ECLIPSE MINE	Upland waste rock (erosion potential)	200	SF-268	SFCDR	Excavate and Cap			0.660	0		PRIVATE				UWR site in upland area
POL064	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-268	SFCDR	Excavate and Cap			0	0		PRIVATE				UWR site in upland area
KLE074	COEUR D ALENE MILLSITE	Upland tailings	14,000	SF-268	SFCDR	Excavate and Dispose	Moderate Human Access, and 1/4 to 1/2 mile from houses	Moderate erosion	2.82	0		PRIVATE				Work completed by CDA Mines need details, adjust volume, cost, action Work completed under UAO CD.
POL019	COEUR D ALENE MINE	Upland waste rock (erosion potential)	200,000	SF-268	SFCDR	Low-Permeability Cap with Erosion Protection			4.96	0		PRIVATE				Work completed by CDA Mines need details, adjust volume, cost, action May have only been partially completed. Removed from remediated site category.
POL018	MERGER MINE	Upland waste rock (erosion potential)	22,000	SF-268	SFCDR	Excavate and Cap			0.910	0		PRIVATE	0			Work completed by CDA Mines need details, adjust volume, cost, action Loading facility areas have not been addressed. Removed from remediated site category.
OSB075	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-268	SFCDR	Excavate and Cap			0	0		USFS	U.S.			UWR site in upland area
KLE075	SILVER SUMMIT MILLSITE (Polaris)	Upland tailings	4,000	SF-268	SFCDR	Excavate and Dispose	within 300' of Residences		0.480	756		PRIVATE				Active facility
KLE011	SILVER CRESCENT TAILINGS	Upland tailings - inactive facilities	82,000	SF-268	SFCDR	Impoundment Closure			7.54	591		PRIVATE				Area of tailings may extend further upstream to the southeast.
KLE034	SILVER DOLLAR MINE	Floodplain waste rock	22,000	SF-268	SFCDR	Excavate and Cap			2.09			PRIVATE				Revegetation test plots on rock dump. Gather closure/completions/construction reports. IDEQ.
KLE062	OSBURN FLATS BUREAU OF MINES TESTPLOTS	Floodplain sediments	26,000	SF-268	SFCDR	Excavate and Repository			3.30	136		PRIVATE	Coeur d'Alene Cresent Mining Company			Need details on remediation, adjust volume, cost, action
OSB065	SF CDA RIVER IMPACTED FLOODPLAIN: NO. 3	Floodplain sediments	1,400,000	SF-268	SFCDR	Excavate + Repository +Stream Lining + French Drain			103	0		PRIVATE	Zeco Corp. & J.S. Roholt, M.T. Roholt, R.B. Roholt			BLM surface capping project on the west end of Osburn and approach going into bridge, USACE capping in area. Below mouth of Moon Gulch, Homes around Elk Creek store, BLM cappped area around here on BLM property, Yard work and capping by BLM, USACE, SVNRT at Evolution to mouth of Big Creek, gather drawings and closure reports.
KLE016	SYNDICATE MINING & EXPLORATION CO.	Upland waste rock (erosion potential)	200	SF-268	SFCDR	Excavate and Cap			0.620	0		BLM	U.S.			UWR site in upland area
KLE020	NEW HILARITY MINE	Upland waste rock (erosion potential)	36,000	SF-268	SFCDR	Excavate and Cap			0	0		BLM	U.S.			UWR site in upland area Potentially active, United Mining Group Exploration, needs to be verified.

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OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
KLE021	ALHAMBRA MINE	Upland waste rock (erosion potential)	200	SF-268	SFCDR	Excavate and Cap			0	0		BLM	Mil, L.C.			UWR site in upland area Potentially active, United Mining Group Exploration, needs to be verified.
KLE023	PIONEER MINES INC. PROPERTY	Upland waste rock (erosion potential)	200	SF-268	SFCDR	Excavate and Cap			0.200	23.6		PRIVATE	Bank of Whitman			UWR site in upland area
KLE040	SF CDA RIVER IMPACTED FLOODPLAIN: NO. 5	Floodplain sediments	112,000	SF-268	SFCDR	Stream Lining + French Drain			12.1	0		PRIVATE	State of Idaho			
KLE048	SF CDA RIVER SVNRT REHAB	Floodplain sediments	190,000	SF-268	SFCDR	Excavate + Repository +Stream Lining + French Drain			13.0	0		PRIVATE	Zeco Corp.			May need to split site. Active facility for New Jersey Mining Company, Expansion to mill. Jig tailings are located under rip rap.
KLE049	SF CDA RIVER IMPACTED RIPARIAN (MidGradSeg01 & MidGradSeg02)	Floodplain sediments	200,000	SF-268	SFCDR	Excavate + Repository +Stream Lining + French Drain			41.1	0		BLM				
KLE051	FLORENCE MINE	Upland waste rock (erosion potential)	200	SF-268	SFCDR	Excavate and Cap			0	0		BLM				UWR site in upland area
KLE035	SILVER SUMMIT MINE	Floodplain waste rock	120,000	SF-268	SFCDR	Excavate and Cap	within 500' of residence		9.17	0		PRIVATE				Secondary escape for the Sunshine, need to check for active site.
KLE042	MOON CK POND AT MOUTH	Floodplain sediments Floodplain Tailings	50,000 13,000	SF-268	SFCDR	Excavate and Repository Excavate and Dispose	adjacent to remediated property		0	43.1		PRIVATE	Dennis L. Tate & Doris Miller			Site has been capped and has a new building on it. Managed under ICP. Extensive removals and capping. 2011 Yard Program will finish up right-of-ways.

Notes:

- Sites noted as "active" based on available information and comments received.
- Sites identified as "remediated" based on available information and comments received.
- Site added to active based on PFT discussion, needs to be verified.
- Removed from remediated site category based on PFT discussion.
- Added to remediated site category based on PFT discussion.
- Removed from active site category based on PFT discussion.

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TABLE 2
Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Tributaries to SFCDR Watersheds
OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
LOK017	BEACON LIGHT	Floodplain waste rock	31,000	SF-201	SFCDR Tributary (Unknown)	Excavate and Cap	High Human Access, and 1/2 to 1 mile from houses (IDEQ) Moderate access, >1 mile from houses (2008)	No erosion	0	0		USFS		Rock Dump		2 samples at SF-201, AWQC ratio: 0.18, 1.39, PB: 0.02, 0.12 IGS - Indicates exploration work but not ore production
THO020	BULL FROG MINE	Floodplain waste rock	6,960	SF-202	SFCDR Tributary (Little North Fork)	Excavate and Cap			0	0		PRIVATE		Mine Adit or Tunnel (open/abandoned)		2 samples at SF-202, AWQC < 1, PB load 0.02 to 0.12 lb/day
LOK048	SNOWSTORM APEX	Floodplain waste rock	6,480	SF-206	SFCDR Tributary (Daisy Gulch)	Regrade/ Consolidate/Revegetate	Low Human Access, and More than 1 mile from houses (2008)	Moderate erosion	0.270	0		PRIVATE	Timberline Resources Corporation	Rock Dump		2 samples at SF-206, AWQC ratio: 0.03, ND, PB: 0, 0.03 IGS - silver and copper ore producing complex. Processing facilities located near bottom of gulch.
LOK011	SNOWSTORM NO. 3	Floodplain waste rock Adit Drainage	55,000	SF-206	SFCDR Tributary (Daisy Gulch)	Excavate and Dispose Active Treatment			1.81	0		PRIVATE	Timberline Resources Corporation	Rock Dump IGS - Adit drainage several hundred gpm		2 samples at SF-206, AWQC ratio: 0.03, ND, PB: 0, 0.03 Adit discharge exceeds AWQC for Copper (from IGS 1997 data) IGS - silver and copper ore producing complex. Processing facilities located near bottom of gulch.
LOK010	HASH HOUSE MINE	Floodplain waste rock	3,360	SF-206	SFCDR Tributary (Daisy Gulch)	Excavate and Cap			0.270	0		PRIVATE	Timberline Resources Corporation	Mine Adit or Tunnel (open/abandoned)		2 samples at SF-206, AWQC ratio: 0.03, ND, PB: 0, 0.03 IGS - silver and copper ore producing complex. Processing facilities located near bottom of gulch.
LOK009	SNOWSTORM NO. 4	Floodplain waste rock	22,080	SF-206	SFCDR Tributary (Daisy Gulch)	Excavate and Dispose			0.920	0		PRIVATE	Timberline Resources Corporation	Mine Adit or Tunnel (open/abandoned)		2 samples at SF-206, AWQC ratio: 0.03, ND, PB: 0, 0.03 IGS - Creek is eroding the dump. IGS - silver and copper ore producing complex. Processing facilities located near bottom of gulch.
LOK008	IDAHO SILVER NO. 2	Floodplain waste rock	9,120	SF-206	SFCDR Tributary (Daisy Gulch)	Excavate and Cap	High Human Access, and 1/4 to 1/2 mile from houses	No erosion	0	15.5		PRIVATE	Hecla Limited	Mine Adit or Tunnel (open/abandoned) IGS - formerly Larson Siding, loadout facility for copper mines		2 samples at SF-206, AWQC ratio: 0.03, ND, PB: 0, 0.03 Currently an active facility used by Hecla.
LOK007	BUTTE & COEUR D ALENE (IDAHO SILVER)	Upland waste rock (erosion potential)	6,480	SF-206	SFCDR Tributary (Daisy Gulch)	Regrade/ Consolidate/Revegetate			0.270	35.8		PRIVATE	Hecla Limited	Mine Adit or Tunnel (open/abandoned)		2 samples at SF-206, AWQC ratio: 0.03, ND, PB: 0, 0.03 IGS - Indicates significant mining activity, unsure regarding ore production
LOK001	LUCKY CALUMET NO. 1	Upland waste rock (erosion potential)	30,960	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Regrade/ Consolidate/Revegetate			0	1,421		USFS				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01 IGS - copper ore production. Significant adit flows similar to Snowshoe and Snowstorm #3, water quality below AWQC, slightly elevated for lead but within range of AWQC used.
LOK002	LUCKY CALUMET NO. 2	Upland waste rock (erosion potential)	30,480	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Regrade/ Consolidate/Revegetate			0.950	571		USFS				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01 IGS - copper ore production. Significant adit flows similar to Snowshoe and Snowstorm #3, water quality below AWQC, slightly elevated for lead but within range of AWQC used.
LOK004	SNOWSHOE NO. 2	Floodplain waste rock Adit Drainage	61,200	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Excavate and Dispose Passive Treatment			0.710	0		USFS				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01 IGS - Adit discharge exceeds AWQC for copper and lead (from IGS 1997 data)
LOK005	LUCKY BOY NO. 2	Upland waste rock (erosion potential)	4,320	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Regrade/ Consolidate/Revegetate			0.180	0		USFS				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01
LOK006	LUCKY BOY NO. 1	Floodplain waste rock	6,240	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	0.170	35.8		USFS				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01
LOK053	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Regrade/ Consolidate/Revegetate			0.310	24.1		USFS				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01
MUL056	COUGHLIN MINE	Upland waste rock (erosion potential)	8,400	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Regrade/ Consolidate/Revegetate			0	63.7		BLM				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01
MUL057	BUTTE AND COEUR D ALENE MINE	Upland waste rock (erosion potential)	18,960	SF-207	SFCDR Tributary (Gentle Annie Gulch)	Regrade/ Consolidate/Revegetate			0	68.6		PRIVATE				2 samples at SF-207, AWQC ratio: 0.11, ND, PB: 0, 0.01
MUL103	MISSOULA MINE	Floodplain waste rock	6,300	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	Heavy erosion	0	0		PRIVATE	Timberline Resources Corporation			3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45 IGS - gold, silver, and copper ore production
MUL052	COPPER KING MINE	Floodplain waste rock Adit Drainage	15,000	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Cap Passive Treatment	Low Human Access, and More than 1 mile from houses	Moderate erosion	1.33	0		PRIVATE	Hecla Limited			3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45 IGS - Adit discharge is greater than 50 gpm and AWQC exceeds for copper and cadmium. The waste dump 1,400 mg/kg copper and 1,500 mg/kg lead, with significant TCLP leaching for copper and lead. Downstream WQ at SF-209 has not shown AWQC exceedence.
MUL054	UNNAMED ADIT	Upland waste rock (erosion potential)	>200	SF-209	SFCDR Tributary (Deadman Gulch)	Regrade/ Consolidate/Revegetate			0.940	3.46		PRIVATE				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45 IGS - National Copper adit #2 IGS - Lead 640 mg/kg Exceeds AWQC for copper and cadmium IGS - TCLP samples indicate significant leaching for lead. Downstream WQ at SF-209 has not shown AWQC exceedence.
MUL053	NATIONAL MINE	Upland waste rock (erosion potential)	73,000	SF-209	SFCDR Tributary (Deadman Gulch)	Regrade/ Consolidate/Revegetate	400' upstream of remediated property, Low Human Access, and More than 1 mile away from houses	Moderate erosion	0	126		PRIVATE				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45 IGS - Large gold, silver, and copper producing mine. IGS - Lead (640 mg/kg). Potential Cadmium and Copper issues with water from adits. TCLP samples indicate significant leaching for lead. Listed as a drinking water source for Lucky Friday. Added to active facility category.
MUL051	PILOT MINE	Floodplain waste rock	28,800	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	Moderate erosion	0.650	18.9		PRIVATE				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45 National Copper Adit #3 (IGS)
MUL049	COPPER PLATE MINE	Upland waste rock (erosion potential)	7,200	SF-209	SFCDR Tributary (Deadman Gulch)	Regrade/ Consolidate/Revegetate			0.300	16.5		USFS	Hecla Limited			3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45
MUL048	ALMA MINE	Floodplain waste rock	21,360	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Dispose	Low Human Access, and More than 1 mile from houses	Moderate erosion	0.680	17.6		PRIVATE				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45
MUL047	LOTTIE L. MINE	Floodplain waste rock	5,520	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	0.230	0		BLM				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45
MUL045	HOMESTAKE MINE	Floodplain waste rock	27,600	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Dispose	High Human Access, and 1/2 to 1 mile from houses	No erosion	1.15	0		PRIVATE				Human health, 3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45
MUL135	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-209	SFCDR Tributary (Deadman Gulch)	Regrade/ Consolidate/Revegetate			0.180	0		BLM				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45
MUL150	DEADMAN GULCH IMPACTED RIPARIAN	Floodplain sediments	15,100	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Dispose			3.02	0		PRIVATE				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45
MUL153	DEADMAN GULCH IMPACTED RIPARIAN	Floodplain sediments	7,600	SF-209	SFCDR Tributary (Deadman Gulch)	Excavate and Dispose			1.52	0		PRIVATE				3 samples at SF-209, AWQC ratio: ND - 0.06, PB: ND - 0.45
MUL083	COPPER QUEEN MINE	Floodplain waste rock	15,360	SF-210	SFCDR Tributary (Willow Creek)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	0.640	0		PRIVATE				2 samples at SF-210, AWQC ratio: 0.05, ND, PB: 0.01, 0.22 IGS - in 1909 mentioned as one of the most extensively developed mines in the area.
MUL081	REINDEER QUEEN MINE	Floodplain waste rock	8,000	SF-210	SFCDR Tributary (Willow Creek)	Excavate and Cap	Moderate Human Access, and More than 1 mile from houses	Moderate erosion	0.760	0		USFS	U.S.			2 samples at SF-210, AWQC ratio: 0.05, ND, PB: 0.01, 0.22 IGS - Adit 2 gpm, AWQC slightly above for copper. Waste dump copper was 1,900 mg/kg, arsenic was 85 mg/kg, cadmium was 7.7 mg/kg. TCLP below detection for all metals. Noted as an extensively developed mine, copper ore jigged and sent to Tacoma
MUL073	ATLAS MINE (CARBONATE HILL)	Upland waste rock	560	SF-210	SFCDR Tributary (Willow Creek)	Regrade/ Consolidate/Revegetate			0	173		PRIVATE				2 samples at SF-210, AWQC ratio: 0.05, ND, PB: 0.01, 0.22 IGS - Pile of asbestos present on the site.
MUL129	ATLAS MINE ROCK DUMP	Floodplain waste rock	26,640	SF-211	SFCDR Tributary (Unknown)	Excavate and Cap	1 residence within 1000', directly upstream of remediated area, High Human Access, and Within 1/4 mile from houses	No erosion	0.650	0		PRIVATE	Applied Minerals Inc.			Human Health, 2 samples at SF-211, AWQC ratio: 0.17, ND, PB: 0, 0.1
MUL071	ATLAS MINE	Floodplain waste rock	2,500	SF-211	SFCDR Tributary (Unknown)	Excavate and Cap	1 residence within 1000', directly upstream of remediated area		3.43	0		PRIVATE	Applied Minerals Inc.			Human Health, 2 samples at SF-211, AWQC ratio: 0.17, ND, PB: 0, 0.1
MUL136	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-212	SFCDR Tributary (Gold Hunter Gulch)	Regrade/ Consolidate/Revegetate			0	0		PRIVATE				2 samples at SF-212, AWQC ratio: 0.06, ND, PB: 1.56, 0

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 2
Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Tributaries to SFCDR Watersheds
OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
MUL043	SILVER REEF MINE	Floodplain waste rock	17,520	SF-212	SFCDR Tributary (Gold Hunter Gulch)	Excavate and Dispose			0.630	0		PRIVATE	Hecla Limited			2 samples at SF-212, AWQC ratio: 0.06, ND, PB: 1.56, 0
MUL042	GOLD HUNTER NO. 5	Floodplain waste rock	13,920	SF-212	SFCDR Tributary (Gold Hunter Gulch)	Excavate and Dispose			0.580	0		PRIVATE	Hecla Limited			Active facility. 2 samples at SF-212, AWQC ratio: 0.06, ND, PB: 1.56, 0
MUL038	GOLD HUNTER NO. 6	Floodplain Tailings Floodplain waste rock	13,000 66,480	SF-212	SFCDR Tributary (Gold Hunter Gulch)	Excavate and Dispose Excavate and Cap	residence within 500', High Human Access, and Within 1/4 mile from houses	No erosion	2.15	151		PRIVATE	Hecla Limited			Active facility. 2 samples at SF-212, AWQC ratio: 0.06, ND, PB: 1.56, 0
MUL119	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-214	SFCDR Tributary (Boulder Creek)	Regrade/ Consolidate/Revegetate			0.280	0		PRIVATE				2 samples at SF-214, AWQC ratio: 0.08, ND, PB: 0.01, 0.31 Central Prospect Adit No. 3
MUL120	BANNER MINE NO. 02	Floodplain waste rock	560	SF-214	SFCDR Tributary (Boulder Creek)	Excavate and Cap			0.290	0		PRIVATE				2 samples at SF-214, AWQC ratio: 0.08, ND, PB: 0.01, 0.31 Central Prospect Adit No. 1 Waste pile sampled and had the following results lead 21,000 mg/kg, arsenic 2 mg/kg, cadmium 5.2 mg/kg, copper 70 mg/kg
MUL021	INDEPENDENCE MINE	Floodplain waste rock	29,040	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Cap	2500' upstream of remediated properties; High Human Access, and 1/4 to 1/2 mile from houses	Moderate erosion	0.780	13.3		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL022	SUNSHINE PREMIER MINE	Upland waste rock (erosion potential)	8,400	SF-216	SFCDR Tributary (Mill Creek)	Regrade/ Consolidate/Revegetate	NoHuman Access, and More than 1 mile from houses	Moderate erosion	0.320	0		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL023	FANNY GREMM MINE	Floodplain waste rock	31,200	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Dispose			0	378		PRIVATE	Hecla Limited			1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL027	MORNING NO.4	Upland waste rock Adit Drainage	23,760	SF-216	SFCDR Tributary (Mill Creek)	Regrade/ Consolidate/Revegetate Passive Treatment	within 3000' of residences		0	139		PRIVATE	Hecla Limited			1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL028	MORNING NO.5	Floodplain waste rock Adit Drainage	102,000	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Cap Passive Treatment	Moderate Human Access, and More than 1 mile from houses	Heavy erosion	2.95	0		PRIVATE	Hecla Limited		Yes	1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL029	NORTH FRANKLIN MINE	Floodplain waste rock	20,400	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Dispose	Moderate Human Access, and More than 1 mile from houses	Moderate erosion	0.630	0		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL030	WALL STREET MINE	Floodplain waste rock	8,640	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Cap			0	0		PRIVATE	Hecla Silver Valley, Inc.			1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL031	CINCINNATI MINE	Upland waste rock (erosion potential)	8,160	SF-216	SFCDR Tributary (Mill Creek)	Regrade/ Consolidate/Revegetate	No Human Access, and More than 1 mile from houses	No erosion	0	1.72		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL033	AMERICAN COMMANDER NO.2	Floodplain waste rock	15,840	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Dispose	Low Human Access, and 1/2 to 1 mile from houses	Moderate erosion	0.460	0		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL139	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-216	SFCDR Tributary (M	Excavate and Dispose			0.240	0.7680		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL141	MILL CK IMPACTED RIPARIAN No. 3	Floodplain sediments	9,650	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Dispose			1.93	0		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL145	MILL CK IMPACTED RIPARIAN No. 2	Floodplain sediments	4,200	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Dispose			0	45.4		PRIVATE	Hecla Limited			1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL146	MORNING NO.3	Upland waste rock (erosion potential)	31,440	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Cap			0	0		PRIVATE	Hecla Limited			1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL149	MILL CK IMPACTED RIPARIAN No. 1	Floodplain sediments	5,650	SF-216	SFCDR Tributary (Mill Creek)	Excavate and Dispose			1.13	0		PRIVATE				1 low flow sample at SF-216, AWQC ratio: 0.23, PB: 0.02
MUL009	SILVER SHAFT	Upland waste rock (erosion potential)	6,000	SF-223	SFCDR Tributary (Grouse Gulch)	Regrade/ Consolidate/Revegetate			0	92.3		PRIVATE				14 samples at SF-223, AWQC ratio: 6.18 - 17.4, PB: 0.08 - 0.52
MUL012	STAR 1200 LEVEL	Floodplain waste rock Adit Drainage	216,000	SF-223	SFCDR Tributary (Grouse Gulch)	Excavate and Cap Active Treatment	Low Human Access, and More than 1 mile from houses	Heavy erosion	5.96	0		PRIVATE	Hecla Limited		Yes	14 samples at SF-223, AWQC ratio: 6.18 - 17.4, PB: 0.08 - 0.52
MUL013	WE LIKE MINE	Upland waste rock (erosion potential)	12,720	SF-223	SFCDR Tributary (Grouse Gulch)	Regrade/ Consolidate/Revegetate			0	81.8		PRIVATE				14 samples at SF-223, AWQC ratio: 6.18 - 17.4, PB: 0.08 - 0.52
MUL014	GROUSE MINE	Upland waste rock (erosion potential) Adit Drainage	7,920	SF-223	SFCDR Tributary (Grouse Gulch)	Excavate and Cap Active Treatment			0.330	20.7		PRIVATE				14 samples at SF-223, AWQC ratio: 6.18 - 17.4, PB: 0.08 - 0.52
MUL015	WEST STAR MINE	Upland waste rock (erosion potential)	23,000	SF-223	SFCDR Tributary (Grouse Gulch)	Regrade/ Consolidate/Revegetate			0	0		PRIVATE	Hecla Limited		Yes	14 samples at SF-223, AWQC ratio: 6.18 - 17.4, PB: 0.08 - 0.52
MUL142	GROUSE GULCH IMPACTED RIPARIAN	Floodplain sediments	34,300	SF-223	SFCDR Tributary (Grouse Gulch)	Excavate and Dispose			6.86	0		PRIVATE	Hecla Limited		Yes	14 samples at SF-223, AWQC ratio: 6.18 - 17.4, PB: 0.08 - 0.52
MUL008	ALICE MINE	Floodplain waste rock	33,000	SF-224	SFCDR Tributary (Ruddy Gulch)	Excavate and Cap	Moderate Human Access, and 1/2 to 1 mile from houses	Moderate erosion	1.10	19.3		PRIVATE				2 samples at SF-224, AWQC ratio: ND, 0.04, PB: 0.01, 0.4 Check with Yards program to see if this site has been remediated. People living on site.
MUL004	UNITED LEAD ZINC MINE	Floodplain waste rock	19,680	SF-226	SFCDR Tributary (Trowbridge Gulch)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	0.140	0		PRIVATE	Golconda Mining Corporation			2 samples at SF-226, AWQC ratio: 0.11, ND, PB: 0.01, 0.01
MUL006	SQUARE DEAL MINE	Floodplain waste rock	17,520	SF-226	SFCDR Tributary (Trowbridge Gulch)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	0.130	69.8		PRIVATE				2 samples at SF-226, AWQC ratio: 0.11, ND, PB: 0.01, 0.01
MUL007	WONDER MINE	Upland waste rock (erosion potential)	22,800	SF-226	SFCDR Tributary (Trowbridge Gulch)	Regrade/ Consolidate/Revegetate			0.340	27.9		BLM				2 samples at SF-226, AWQC ratio: 0.11, ND, PB: 0.01, 0.01
MUL060	ROCK CREEK MINE	Floodplain waste rock	5,040	SF-225	SFCDR Tributary (Rock Creek)	Excavate and Cap			0.210	12.8		PRIVATE				2 samples at SF225, AWQC ratio: 0.04, ND, PB: 0, ND
MUL059	ROCK CREEK MINE ROCK DUMP	Floodplain waste rock	22,560	SF-225	SFCDR Tributary (Rock Creek)	Excavate and Dispose	Moderate Human Access, and 1/2 to 1 mile from houses	Moderate erosion	0.940	0		PRIVATE	U.S.			2 samples at SF-225, AWQC ratio: 0.04, ND, PB: 0, ND
WAL013	GRANADA MINE	Floodplain waste rock	8,160	SF-229	SFCDR Tributary (Dexter Gulch)	Excavate and Cap	Low Human Access, and 1/2 to 1 mile from houses	No erosion	0.340	0		BLM	U.S.			2 samples at SF-229, AWQC ratio: 0.2, 0.18, PB: 0, 0
MUL085	VIENNA INTERNATIONAL MINE	Upland waste rock (potential)	200	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap w/Seep Collection	Low Human Access, and More than 1 mile from houses	Moderate erosion	0.370	42.1		PRIVATE	Daniel L. Hagman			17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72 IGS - Adit had 3 samples which all exceeded the AWQC for cadmium, no soil samples were collected.
MUL086	WIBBERDING-GOLDEN SLIPPER MINES	Upland waste rock (erosion potential)	30,000	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap	None Human Access, and More than 1 mile from houses	No erosion	0	7.91		USFS	U.S.			17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72
WAL024	WAR EAGLE MINE	Upland waste rock (erosion potential)	200	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap	Near the Pulaski Trail, Moderate Human Access, and 1/2 to 1 mile from houses	Moderate erosion	0.430	11.5		BLM	U.S.			17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72
WAL046	DAY MINES CLAIMS	Upland waste rock (erosion potential)	200	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap	Near the Pulaski Trail, Moderate Human Access, and More than 1 mile from houses	No erosion	0.210	16.7		BLM				17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72
WAL055	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap	Near the Pulaski Trail, Low Human Access, and 1/2 to 1 mile from houses	No erosion	0.170	3.87		BLM				17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72
WAL056	PEERLESS GROUP (OSCEOLA)	Upland waste rock (erosion potential)	200	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap	Near the Pulaski Trail, Low Human Access, and More than 1 mile from houses	Moderate erosion	0.240	11.2		PRIVATE	Stimson Lumber Company			17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72
WAL057	PEERLESS GROUP	Upland waste rock (erosion potential)	200	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap	Near the Pulaski Trail, Low Human Access, and More than 1 mile from houses	No erosion	0.100	22.5		PRIVATE	Stimson Lumber Company			17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72
WAL058	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-234	SFCDR Tributary (Placer Creek)	Excavate and Cap	Near the Pulaski Trail, Low Human Access, and More than 1 mile from houses	No erosion	0.0900	17.7		PRIVATE	Stimson Lumber Company			17 samples at SF-234, AWQC ratio: ND - 0.47 (one at 6.31), PB: ND - 4.72
WAL062	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-238	SFCDR Tributary (Lake Creek)	Excavate and Cap			0.190	0	None	USFS	U.S.	None		5 samples at SF-238, AWQC ratio: ND - 0.06, PB: ND - 0.65
WAL064	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-238	SFCDR Tributary (Lake Creek)	Excavate and Cap			0.350	0.8106		USFS	U.S.			5 samples at SF-238, AWQC ratio: ND - 0.06, PB: ND - 0.65
WAL036	LAKE CK IMPACTED RIPARIAN	Floodplain sediments	45,000	SF-238	SFCDR Tributary (Lake Creek)	Excavate and Dispose			8.69	0		PRIVATE	U.S. Silver - Idaho, Inc.			5 samples at SF-238, AWQC ratio: ND - 0.06, PB: ND - 0.65 Remediated? Need documentation of action, then revise action, cost, volumes… Identified for remediation by Yards Program 2012-2013.
OSB030	SILVERTON PROSPECT UPPER ADIT	Upland waste rock (erosion potential)	200	SF-240	SFCDR Tributary (Revenue Gulch)	Excavate and Cap	2000' upstream of remediated properties		0.450	0		USFS	U.S.			2 samples at SF-240, AWQC ratio: 0.08, 0.06, PB: 0, 0

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TABLE 2
Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Tributaries to SFCDR Watersheds
OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
OSB073	SILVERTON PROSPECT LOWER ADIT	Upland waste rock (erosion potential)	22,000	SF-240	SFCDR Tributary (Revenue Gulch)	Excavate and Cap	1000' upstream of remediated properties		0.580	52.5		USFS	U.S.			2 samples at SF-240, AWQC ratio: 0.08, 0.06, PB: 0, 0
WAL002	WESTERN UNION LOWER ADIT	Floodplain waste rock Adit Drainage	200	SF-240	SFCDR Tributary (Revenue Gulch)	Excavate and Cap Active Treatment	adjacent to residences and High Human Access	Moderate erosion	0.870	34.1		PRIVATE	Hecla Limited			2 samples at SF-240, AWQC ratio: 0.08, 0.06, PB: 0, 0 Remediated? Need documentation of action (Hecla?), then revise cost, volumes, action Check with Yards Program for partial remediation and additional data collection.
WAL016	ARGENTINE MINE	Upland waste rock (erosion potential)	200	SF-242	SFCDR Tributary (Argentine Gulch)	Excavate and Dispose			0.480	0		PRIVATE	US Silver Idaho Inc.			2 samples at SF-242, AWQC ratio: 0.13, 0.12, PB: 0,0
WAL034	SHIELDS GULCH IMPACTED RIPARIAN	Floodplain sediments	78,000	SF-244	SFCDR Tributary (Shields Gulch)	Excavate and Repository			6.08	0		PRIVATE				2 samples at SF-244, AWQC ratio: 0.02, ND, PB: 0, 0.01
WAL072	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-244	SFCDR Tributary (Shields Gulch)	Excavate and Cap			0.0800	32.7	None	BLM	U.S.	None		2 samples at SF-244, AWQC ratio: 0.02, ND, PB: 0, 0.01
WAL073	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-244	SFCDR Tributary (Shields Gulch)	Excavate and Cap			0.100	0	None	BLM	U.S.	None		2 samples at SF-244, AWQC ratio: 0.02, ND, PB: 0, 0.01
OSB070	SILVERORE-INSPIRATION MINE	Upland waste rock (erosion potential)	31,000	SF-245	SFCDR Tributary (Nichols Gulch)	Excavate and Cap	within 4000' of residences		1.30	0		PRIVATE	Silverore Mines, Inc.			4 samples at SF-245, AWQC ratio: ND - 0.13, PB: ND - 0
OSB072	WESTERN UNION UPPER ADIT	Upland waste rock (erosion potential)	200	SF-245	SFCDR Tributary (Nichols Gulch)	Excavate and Cap	within 4000' of residences		0.230	4.60		PRIVATE	Golconda Mining Corporation			4 samples at SF-245, AWQC ratio: ND - 0.13, PB: ND - 0
OSB025	CAPITOL SILVER-LEAD: NO. 3	Upland waste rock (erosion potential)	12,000	SF-248	SFCDR Tributary (Twomile Creek)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	0.500	0		USFS	U.S.			5 samples at SF-248, AWQC ratio: ND - 0.07, PB: ND - 0.01 AWQC exceeded downstream for cadmium (IGS)
OSB078	UNNAMED ADIT (Hardscrabble Claim)	Upland waste rock (erosion potential)	200	SF-248	SFCDR Tributary (Twomile Creek)	Excavate and Cap	Moderate Human Access, and More than 1 mile from houses	Moderate erosion	0.0800	35.0		PRIVATE	Azteca Gold Corp.			5 samples at SF-248, AWQC ratio: ND - 0.07, PB: ND - 0.01
OSB076	UNNAMED ADIT (May Claim)	Upland waste rock (erosion potential)	200	SF-248	SFCDR Tributary (Twomile Creek)	Excavate and Cap			0.180	13.2		USFS	U.S.			
KLE066	RHODE ISLAND NO.1 & NO.2 & ASSOC.ADITS	Upland waste rock (erosion potential)	200	SF-252	SFCDR Tributary (Terror Gulch)	Excavate and Cap			0.380	16.0		USFS	U.S.			5 samples at SF-252, AWQC ratio: ND - 0.24, PB: ND - 2.7
KLE068	UNNAMED ADIT (St. Joe No. 2)	Upland waste rock (erosion potential)	14,000	SF-252	SFCDR Tributary (Terror Gulch)	Excavate and Dispose			0.210	15.1		USFS				5 samples at SF-252, AWQC ratio: ND - 0.24, PB: ND - 2.7 Mapping location issue currently is located at the Terror Mine Adit needs to be moved to reflect the St. Joe #2 Adit discharge is below AWQC for metals Waste dump soil samples indicate Arsenic 560 mg/kg - 700 mg/kg Cadmium 2.6 mg/kg - 3.8 mg/kg, Lead is 84 mg/kg - 390 mg/kg, Copper is 53 - 100 mg/kg
KLE070	UNNAMED ADIT	Upland waste rock (erosion potential)	200	SF-252	SFCDR Tributary (Terror Gulch)	Excavate and Cap			0.420	53.6		USFS	U.S.			5 samples at SF-252, AWQC ratio: ND - 0.24, PB: ND - 2.7 Chief Redcloud mine
KLE067	ST. JOE NO.4	Upland Waste Rock	27,500	SF-252	SFCDR Tributary (Terror Gulch)	Excavate and Cap			0.200	0		USFS	U.S.			5 samples at SF-252, AWQC ratio: ND - 0.24, PB: ND - 2.7 Adit discharge exceeds AWQC for cadmium and zinc. Waste dump soil samples Arsenic 640 mg/kg, 6.2 mg/kg for cadmium, 250 mg/kg for copper, and 8,700 mg/kg for lead
KLE069	ST. JOE NO.3	Upland waste rock (erosion potential)	1,300	SF-252	SFCDR Tributary (Terror Gulch)	Excavate and Cap			0.420	43.9		USFS	U.S.			5 samples at SF-252, AWQC ratio: ND - 0.24, PB: ND - 2.7 Adit discharge is below AWQC for metals waste dump soil data is Arsenic 500 mg/kg cadmium 18 mg/kg copper 270 mg/kg, lead 910 mg/kg. TCLP had cadmium at 0.09 mg/L
OSB074	ST. JOE NO.1	Adit drainage		SF-252	SFCDR Tributary (Terror Gulch)	Passive Treatment			0	96.4		USFS	U.S.			5 samples at SF-252, AWQC ratio: ND - 0.24, PB: ND - 2.7 Mapping location issue Adit exceeds AWQC for cadmium and zinc
KLE033	POLARIS MINE	Upland waste rock (erosion potential)	25,000	SF-257	SFCDR Tributary	Excavate and Cap			1.60	0		PRIVATE	U.S.			2 samples at SF-257, AWQC ratio: 0.05, ND, PB: ND, 0.01

Notes:

- Sites noted as "active" based on available information and comments received.
- Sites identified as "remediated" based on available information and comments received.
- Site added to active based on PFT discussion, needs to be verified.
- Removed from remediated site category based on PFT discussion.
- Added to remediated site category based on PFT discussion.
- Removed from active site category based on PFT discussion.

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 3

Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Moon Creek Watershed

OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
KLE008	MAINE-STANDARD MINE	Upland Waste Rock (erosion potential)	16000	MC-262	Moon Creek	Regrade/ Consolidate/Revegetate			0.2	0		USFS				IGS- mostly assessment work, one 1200 ft tunnel, no production
KLE041	MOON CK IMPACTED RIPARIAN	Floodplain sediment	3300	MC-262	Moon Creek	Excavate and Repository			49.1	0		PRIVATE				Partially remediated by the Yards Program.
KLE063	UNNAMED ADIT	Upland Waste Rock (erosion potential)	200	MC-262	Moon Creek	Regrade/ Consolidate/Revegetate			0.2	0		USFS				
KLE064	UNNAMED ADIT	Upland Waste Rock (erosion potential)	200	MC-262	Moon Creek	Regrade/ Consolidate/Revegetate			0.1	0		USFS				
KLE065	UNNAMED ADITS	Upland Waste Rock (erosion potential)	200	MC-262	Moon Creek	Regrade/ Consolidate/Revegetate			2	53.6		USFS				
KLE061	UNNAMED TUNNEL	Floodplain waste rock	200	MC-262	Moon Creek	Excavate and Repository			0.1	0		USFS				
KLE014	ROYAL ANNE MINE	Upland Waste Rock (erosion potential)	200	MC-262	Moon Creek	Excavate and Repository	within owners yard		0.5	18.0		PRIVATE	James E. Ball			IGS - Dump sample Arsenic 1,700 mg/kg Cadmium 4.9 mg/kg, copper 260 mg/kg, lead 480 mg/kg

Notes:

- Sites noted as "active" based on available information and comments received.
- Sites identified as "remediated" based on available information and comments received.
- Site added to active based on PFT discussion, needs to be verified.
- Removed from remediated site category based on PFT discussion.
- Added to remediated site category based on PFT discussion.
- Removed from active site category based on PFT discussion.

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 4

Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Big Creek Watershed

OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
KLE026	SILVER SYNDICATE	Floodplain Waste Rock	88,000	BC-260	Big Creek	Regrade/ Consolidate/Revegetate			11.7	19.3		PRIVATE				Active facility
KLE053	NORTH AMERICAN/SILVER SYNDICATE MINE	Floodplain Waste Rock	196,700	BC-260	Big Creek	Excavate and Dispose			12.2	Within Water Body		PRIVATE	Essential Metals Corporation			Active facility. Part of this site is the Crescent Waste Dump, part is Silver Needle may need to split site.
KLE054	CRESCENT/HOOPER TUNNEL	Upland Waste rock (with Potential) Adit drainage	160,080	BC-260	Big Creek	Excavate and Dispose Passive Treatment	1 residence within 1000'		6.15	Within Water Body		PRIVATE	Crescent Incorporated			Active facility
KLE027	NORTH AMERICAN MINE	Upland Waste Rock (with Potential)	93,120	BC-260	Big Creek	Excavate and Dispose			3.27	107		PRIVATE	Crescent Incorporated			
KLE047	BIG CK IMPACTED RIPARIAN: NO. 1	Floodplain Sediments (inactive facilities)	3,323	BC-260	Big Creek	Excavate and Repository			1.19	Within Water Body		PRIVATE	Crescent Incorporated			
KLE071	BIG CK IMPACTED RIPARIAN: NO. 3	Floodplain Sediments	49,000	BC-260	Big Creek	Excavate and Repository			29.7	Within Water Body		PRIVATE	Norid LLC			
KLE073	BIG CK IMPACTED RIPARIAN: NO. 2	Floodplain Sediments	100,000	BC-260	Big Creek	Excavate and Repository			5.81	Within Water Body		PRIVATE	Placer Mining Corporation			
POL001	SUNSHINE CONSOLIDATED ROCKFORD GROUP	Floodplain Waste Rock	8,160	BC-260	Big Creek	Regrade/ Consolidate/Revegetate			0	Within Water Body		PRIVATE	U.S. c/o Silver Mountain Corporation			Very far upland in watershed Sample of the waste dump Cadmium 1.5 mg/kg Adit discharge was below AWQC Sunshine active drilling program.
POL002	SILVER DALE AND BIG HILL MINE	Floodplain Waste Rock	1,700	BC-260	Big Creek	Excavate and Dispose			0.680	Within Water Body		USFS				Far upland in watershed Drinking water source for Big Creek community and the sunshine mine
POL008	GLOBE MINE	Floodplain Waste Rock	8,160	BC-260	Big Creek	Excavate and Dispose			0.340	3.44		BLM				
POL010	WESTERN STAR MINE	Upland Waste Rock (with Potential)	4,560	BC-260	Big Creek	Excavate and Dispose	High ORV use		0.190	39.4		BLM				BLM revegetation on rock dum, partial remediation. High ORV use
POL011	WOLFSON MINE	Upland Waste Rock	3,120	BC-260	Big Creek	Excavate and Dispose			0.130	17.7		USFS				
POL022	FIRST NATIONAL MINE	Floodplain Waste Rock	4,600	BC-260	Big Creek	Regrade/ Consolidate/Revegetate			0.850	36.4		USFS				Far upland in watershed IGS - Two dump samples and an adit sample Arsenic 210 mg/kg cadmium 2.2 mg/kg copper 26 mg/kg Adit discharge below AWQC
POL044	UNNAMED PROSPECT	Upland Waste Rock (with Potential)	200	BC-260	Big Creek	Regrade/ Consolidate/Revegetate			0.300	Within Water Body		USFS				Far upland in watershed
POL052	LUCKY BOY MINE	Floodplain Waste Rock	4,600	BC-260	Big Creek	Excavate and Dispose			0.140	Within Water Body		USFS				Far upland in watershed IGS - Waste dump Arsenic 85 mg/kg cadmium 2.7mg/kg, copper 45 mg/kg, lead 120mg/kg. TCLP below detection limits
POL067	UNNAMED ADIT	Adit drainage		BC-260	Big Creek	Passive Treatment			0	57.4		USFS				
POL068	UNNAMED ADIT	Upland Waste Rock (with Potential)	200	BC-260	Big Creek	Regrade/ Consolidate/Revegetate			0.200	36.7		USFS				Far upland in watershed
POL066	UNNAMED ADIT	Upland Waste Rock (with Potential)	200	BC-260	Big Creek	Excavate and Dispose			0.150	3.81		USFS				Far upland in watershed
KLE025	SUNSHINE TAILINGS POND: NO. 2	Floodplain Tailings - inactive facilities	404,000	BC-260	Big Creek	Impoundment Closure			24.1	0		~~PRIVATE~~	Idaho Department of Environmental Quality			Active facility

Notes:

	Sites noted as "active" based on available information and comments received.
	Sites identified as "remediated" based on available information and comments received.
	Site added to active based on PFT discussion, needs to be verified.
	Removed from remediated site category based on PFT discussion.
	Added to remediated site category based on PFT discussion.
	Removed from active site category based on PFT discussion.

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 5
Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Pine Creek Watershed
OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
TWI006	MANHATTAN MINE	Upland waste rock (erosion potential)	4,800	PC-311	Pine Creek	Excavate and Dispose			0	0		USFS	U.S.			
TWI027	UNNAMED PROSPECT	Upland waste rock (erosion potential)	200	PC-311	Pine Creek	Excavate and Dispose			0	0		PRIVATE				3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI002	PALISADE MINE LOWER WORKINGS	Floodplain waste rock	5,760	PC-311	Pine Creek	Excavate and Dispose			0	0		STATE	US DEPT OF INTERIOR BLM			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI008	WEST PINE CREEK DEPOSIT	Floodplain waste rock	200	PC-311	Pine Creek	Excavate and Dispose			0	6.24		BLM	U.S.			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI009	EQUITABLE PROSPECT	Floodplain waste rock	6,480	PC-311	Pine Creek	Excavate and Dispose			0	0		BLM	U.S.			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI011	UNNAMED ADIT	Upland waste rock (erosion potential)	200	PC-311	Pine Creek	Excavate and Dispose			0	0		PRIVATE	Reca Laverne Ledgett			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI018	UNNAMED PROSPECT	Upland waste rock (erosion potential)	200	PC-311	Pine Creek	Excavate and Dispose			0	322		BLM	U.S.			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI020	UNNAMED ADIT	Upland waste rock (erosion potential)	200	PC-311	Pine Creek	Excavate and Dispose			0.240	65.3		BLM	U.S.			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI012	KC PROSPECT	Floodplain waste rock	3,840	PC-311	Pine Creek	Excavate and Dispose			0.160	11.7		PRIVATE	Grouse Peak. LLC			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI013	BLUEBIRD PROSPECT (HANNIBAL)	Upland waste rock	7,680	PC-311	Pine Creek	Excavate and Dispose			0.320	151		BLM	U.S.			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI014	GREAT DUNKARD MINE	Floodplain waste rock	6,000	PC-311	Pine Creek	Excavate and Dispose			0.250	0		BLM	U.S.			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI029	UNNAMED ADIT	Upland waste rock	200	PC-311	Pine Creek	Excavate and Dispose			0	10.1		PRIVATE	Grouse Peak, LLC			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
TWI030	UNNAMED ADIT	Upland waste rock (erosion potential)	200	PC-311	Pine Creek	Excavate and Dispose			0	0		PRIVATE	Patricia Hopper			3 samples, AWQC ratio: ND - 0.03, PB: ND - 0.02
MAS007	NABOB 1300 LEVEL	Upland waste rock Adit Drainage	48,000	PC-312	Pine Creek	Excavate and Cap Passive Treatment			1.82	0		PRIVATE	Nabob Silver Lead Co.			
MAS030	TRAPPER CREEK SILVER	Upland waste rock (erosion potential)	6,720	PC-312	Pine Creek	Excavate and Cap			0.280	0		BLM	U.S.			
MAS031	TRAPPER MINING & SMELTING COMPANY LTD	Upland waste rock (erosion potential)	4,320	PC-312	Pine Creek	Excavate and Dispose			0.180	0		PRIVATE	Applied Minerals Inc.			
MAS032	L AND J PROSPECT	Upland waste rock (erosion potential)	80	PC-312	Pine Creek	Excavate and Dispose			0.270	0		BLM	U.S.			
MAS033	COEUR D ALENE PREMIER	Upland waste rock (erosion potential)	4,800	PC-312	Pine Creek	Excavate and Dispose			0.200	0		BLM	U.S.			
MAS011	IDAHO PROSPECT: NO. 2	Adit drainage		PC-312	Pine Creek	Passive Treatment			0	503		PRIVATE	U.S.			
MAS020	SIDNEY (RED CLOUD) MINE/MILLSITE	Adit drainage		PC-312	Pine Creek	Passive Treatment			0	0		PRIVATE	U.S.			Partial remediation by BLM. Millsite is where pilot passive water treatment is located. BLM removals have been conducted.
MAS027	CONSTITUTION LOWER MINE & ROCK DUMP	Floodplain waste rock	7,000	PC-312	Pine Creek	Excavate and Cap			N/A	17.4		PRIVATE	Constitution Mining Company			Need to revise cost/action/volumes
MAS048	CONSTITUTION LOWER MILLSITE & TAILINGS	Floodplain tailings Upland tailings	4,950 16,320	PC-312	Pine Creek	Excavate and Dispose Excavate and Dispose			N/A	0		PRIVATE	Constitution Mining Company			Need to revise cost/action/volumes
MAS049	CONSTITUTION UPPER TAILINGS (non-BLM land	Floodplain tailings	36,000	PC-312	Pine Creek	Excavate and Dispose			N/A	0		PRIVATE	Constitution Mining Company			Need to revise cost/action/volumes No remedial action conducted on areas of private ownership.
MAS050	CONSTITUTION UPPER TUNNEL & ROCK DUMP	Floodplain waste rock (intermixed tailings) Adit Drainage	21,400	PC-312	Pine Creek	Excavate and Cap Passive Treatment			N/A	95.2		BLM	U.S.			Need to revise cost/action/volumes Topsoiling and revegetation performed by BLM.
MAS025	DOUGLAS MINE & MILLSITE	Floodplain waste rock (intermixed tailings)	35,000	PC-312	Pine Creek	Excavate and Cap			N/A	131		PRIVATE	~~Douglas Mining Company c/o Bunker Hill Company BLP~~			Need to revise cost/action/volumes Mill foundations and mine area have not been remediated. Talings have been taken out and tailins repository completed. Area above road has not been addressed. Water has high iron content.
MAS084	DOUGLAS MINESITE TAILINGS REPOSITORY	Floodplain tailings	30,000	PC-312	Pine Creek	Excavate and Dispose			1.63	104		PRIVATE	~~Douglas Mining Company c/o Bunker Hill Company BLP~~			Need to revise cost/action/volumes Mill foundations and mine area have not been remediated. Talings have been taken out and tailins repository completed. Area above road has not been addressed. Water has high iron content.
MAS052	OWL/FRED MINE	Upland waste rock (erosion potential)	5,280	PC-312	Pine Creek	Excavate and Cap			0.220	207		PRIVATE	Constitution Mining Company			
MAS053	UNNAMED ADITS	Upland waste rock (erosion potential)	200	PC-312	Pine Creek	Excavate and Dispose			0.450	0		BLM	U.S.			
MAS054	MARMION ~~OR SF FRACTION~~	Floodplain waste rock Adit Drainage	10,560	PC-312	Pine Creek	Excavate and Dispose Passive Treatment			0.0600	38.6		PRIVATE	~~Douglas Mining Company c/o Bunker Hill Company BLP~~			Marmion is across from Douglas. Significant water discharge with high metals content on private land. Extension of same ore body for Douglas.
MAS055	UNNAMED ADIT	Upland waste rock (erosion potential)	200	PC-312	Pine Creek	Excavate and Dispose			0	58.1		PRIVATE	~~Douglas Mining Company c/o Bunker Hill Company BLP~~			
MAS057	UNNAMED ADIT	Upland waste rock (erosion potential)	200	PC-312	Pine Creek	Excavate and Dispose			0.170	0		PRIVATE	Judith M. Etherton			
MAS028	LON CHANEY GROUP	Upland waste rock (erosion potential)	10,800	PC-312	Pine Creek	Excavate and Dispose			0.450	0		BLM	U.S.			
MAS021	NEVADA-STEWART MINE	Upland waste rock (erosion potential) Adit Drainage	1,000	PC-312	Pine Creek	Excavate and Cap w/Seep Collection Passive Treatment			0.290	0		PRIVATE	Nevada Stewart Mining Co. c/o H.F. Magnuson			BLM regraded rock dumps and added pilot water treatment system.
MAS022	SURPRISE MINE & UPPER ROCK DUMP	Floodplain waste rock	48,000	PC-312	Pine Creek	Excavate and Dispose			1.39	7.00		PRIVATE	Highland Surprise Cons. Mining & Milling Co.			BLM regraded rock dumps. Upper - regraded and stream work addressed erosion issues. Nothing done for mine or mine water or mill (MAS078).
MAS023	BLUE EAGLE MINE	Upland waste rock (erosion potential)	1,000	PC-312	Pine Creek	Excavate and Dispose			0.350	0		PRIVATE	Blue Eagle Mining Comapny			
MAS045	HIGHLAND CK IMPACTED RIPARIAN	Floodplain sediments	3,000	PC-312	Pine Creek	Excavate and Repository			2.10	0		PRIVATE	U.S.			A lot of removal and stabilization performed in 1996.
MAS046	HIGHLAND & RED CLOUD CK IMPACTED RIPAR	Floodplain sediments	23,850	PC-312	Pine Creek	Excavate and Repository			22.5	0		BLM	U.S.			A lot of removal and stabilization performed in 1996.
MAS072	~~UNNAMED ADIT~~ SF FRACTION	Upland waste rock (erosion potential)	200	PC-312	Pine Creek	Excavate and Dispose			0	7.98		BLM	U.S.			BLM - Rock dump revegetation. Mine discharge (high iron/no zinc) pilot water treatment system. Monitoring data available from BLM.
MAS078	HIGHLAND-SURPRISE MINE & MILLSITE	Upland Tailings Adit Drainage	0	PC-312	Pine Creek	Excavate and Dispose Passive Treatment			1.77	17.2		PRIVATE	Highland Surprise Cons. Mining & Milling Co.			Some work has occurred. Lower opening and mill have not been touched.
MAS079	HIGHLAND-SURPRISE LOWER ROCK DUMP	Floodplain waste rock	37,300	PC-312	Pine Creek	Excavate and Cap			1.10	15.2		PRIVATE	U.S.			BLM - Regrade and armoring of creek. Fault gouge material on hillsides.
MAS019	STAR ANTIMONY LOWER ADIT	Floodplain waste rock	1,000	PC-312	Pine Creek	Excavate and Dispose			0.350	0		BLM	U.S.			May still need to be rip-rapped.
MAS014	HILARITY MINE	Upland waste rock Upland Tailings Seep Adit Drainage	30,720 80	PC-312	Pine Creek	Excavate and Cap Excavate and Repository Passive Treatment Passive Treatment			0.780	0		PRIVATE	Ebel Living Trust			State addressed major erosion and conducted a limited partial removal.
MAS015	LITTLE PITTSBURG MINE: NO. 2	Upland waste rock (erosion potential) Adit Drainage	1,000	PC-312	Pine Creek	Excavate and Dispose Passive Treatment			1.09	0		PRIVATE	Leonard Smith c/o Mascot Silver Lead Mines, Inc.			Large water discharge (aluminum precipitates). Includes Mill Area, reestablished stream corridor, State did a large amount of remdiation.
MAS016	LITTLE PITTSBURG MINE: NO. 1	Upland waste rock (erosion potential) Adit Drainage	23,280	PC-312	Pine Creek	Excavate and Dispose Passive Treatment			0.930	0		PRIVATE	Mascot Silver Lead Mines, Inc.			Limited water discharge (acid drainage), tunnel collapsing.
MAS017	SIDNEY (DENVER) 500 LEVEL	Upland waste rock (erosion potential) Adit Drainage	62,640	PC-312	Pine Creek	Excavate and Dispose Passive Treatment			1.36	0		PRIVATE	Mascot Silver Lead Mines, Inc.			Sidney mining and State did work on lower portion along creek.
MAS018	DENVER MINE (NABOB ADIT)	Upland waste rock (erosion potential)	2,700	PC-312	Pine Creek	Excavate and Dispose	within 300' of residences		3.64	0		PRIVATE	Nabob Silver Lead Co.			Stream work at bottom of site, cutoff wall to prevent creek from entering Sidney shaft, Dumps not addressed.
MAS040	DENVER CK IMPACTED RIPARIAN: NO. 2	Floodplain sediments	1,380	PC-312	Pine Creek	Excavate and Repository			1.13	0		PRIVATE	Mascot Mines, Inc.			Partial work completed as part of Hilarity work (MAS014)
MAS041	DENVER CK IMPACTED RIPARIAN: NO. 3	Floodplain sediments	2,340	PC-312	Pine Creek	Excavate and Repository			2.43	0		PRIVATE	Leonard Smith c/o Mascot Silver Lead Mines, Inc.			Little or no work done in this area below mill.
MAS042	DENVER CK IMPACTED RIPARIAN: NO. 4	Floodplain sediments	3,600	PC-312	Pine Creek	Excavate and Repository			0.930	0		PRIVATE	Mascot Silver Lead Mines, Inc.			State of Idaho conducted stabilization efforts.
MAS043	DENVER CK IMPACTED RIPARIAN: NO. 1	Floodplain sediments	3,000	PC-312	Pine Creek	Excavate and Repository			2.66	0		BLM	U.S.			State of Idaho conducted stabilization efforts.

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 5
Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Pine Creek Watershed
OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
MAS081	SIDNEY (RED CLOUD) ROCK DUMP	Floodplain waste rock	95,000	PC-312	Pine Creek	Regrade/ Consolidate/Revegetate			N/A	14.5		BLM	U.S.			Need to revise cost/action/volumes Work conducted - Regrading and recontouring, creek realignment, 90% complete.
MAS036	DENVER CK TAILINGS PILE	Floodplain tailings	2,700	PC-312	Pine Creek	Excavate and Dispose			1.87	0		BLM	U.S.			75% removed by BLM, 25% on private land is burried by road or seperated from creek by road, additional topsoiling may be needed.
MAS029	BIG IT MINE	Upland waste rock (intermixed tailings)	700	PC-312	Pine Creek	Excavate and Dispose			0.220	0		BLM	Jodi M. Haire			Tungsten mine.
MAS006	NABOB TAILINGS POND	Floodplain tailings - inactive Facilities	42,000	PC-312	Pine Creek	Impoundment Closure + Hydrualic Isolation			4.10	30.0		BLM	U.S.			Need to revise cost/action/volumes BLM - capped and hydraulically isolated.
MAS083	NABOB MILLSITE	Upland Tailings Upland waste rock	8,150 29,000	PC-312	Pine Creek	Excavate and Dispose Excavate and Cap	adjacent to residences		2.81	0		BLM	U.S.			Need to revise cost/action/volumes Not completed at millsite, waste rock and mine drainage on private land. Significant water discharge, BLM has on radar from a mine safety standpoint.
MAS012	LYNCH-PINE CREEK MINE	Upland waste rock (erosion potential) Adit Drainage	500	PC-312	Pine Creek	Excavate and Dispose Passive Treatment			0.930	0		BLM	U.S.			
MAS013	NABOB ~~600 LEVEL~~ (300 Level)	Upland waste rock (erosion potential)	4,700	PC-312	Pine Creek	Excavate and Dispose			0.420	0		PRIVATE	Nabob Silver Lead Co.			
MAS008	NABOB 600 LEVEL (Crystalite)	Upland waste rock (erosion potential)	25,000	PC-312	Pine Creek	Excavate and Dispose			1.36			BLM	U.S.			Rock dump revegetated/reclaimed.
MAS035	NABOB ~~600 LEVEL~~ SHAFT	Upland waste rock (erosion potential)	8,000	PC-312	Pine Creek	Excavate and Dispose			0.300	0		PRIVATE	Nabob Silver Lead Co.			
MAS065	UNNAMED PROSPECT	Upland waste rock (erosion potential)	200	PC-312	Pine Creek	Excavate and Dispose			0.200	11.6		BLM	U.S.			
MAS068	UNNAMED ADIT	Upland waste rock (erosion potential)	200	PC-312	Pine Creek	Excavate and Cap			0.160	0		BLM	U.S.			
MAS009	SHETLAND MINING CO-NABOB SILVER-LEAD	Upland waste rock (erosion potential)	7,440	PC-312	Pine Creek	Excavate and Dispose			0.310	0		BLM	U.S.			
MAS003	LIBERAL KING MINE & MILLSITE	Upland waste rock (intermixed tailings)	20,000	PC-313	Pine Creek	Cap w/Seep Collection	within 400' of residences		0.190	0		PRIVATE	U.S.			Need to revise cost/action/volumes Portion of federal land is completed. Private land not touched. BLM monitoring data available.
KLW075	MATCHLESS MINE	Floodplain waste rock	17,040	PC-313	Pine Creek	Excavate and Dispose			0	0		PRIVATE	New Era Mines, Inc.			
KLW079	GOLD EAGLE MINING CO.	Floodplain waste rock	9,600	PC-313	Pine Creek	Excavate and Dispose	1 residence within 500'		0.400	0		BLM	Michael Piekarski			
KLW082	CARBONATE MINE: NO. 2	Floodplain waste rock	8,160	PC-313	Pine Creek	Excavate and Dispose			0.340	0		BLM	U.S.			
KLW083	LIBERAL KING PART OF TUNNEL: NO. 2	Floodplain waste rock	13,920	PC-313	Pine Creek	Excavate and Dispose			0.580	0		BLM	Sterling Mining Company			
KLW085	CARBONATE MINE: NO. 1	Floodplain waste rock	14,400	PC-313	Pine Creek	Excavate and Dispose			0.600	0		PRIVATE				
KLW077	GENERAL MINE	Floodplain waste rock	11,040	PC-313	Pine Creek	Excavate and Dispose	within 2000' of residences		0.400	0		PRIVATE	General Moly Inc.			
KLW080	BOBBY ANDERSON MINE/NORTHERN LIGHTS	Upland waste rock	7,200	PC-313	Pine Creek	Excavate and Cap	within 1500' of residences		N/A	0		BLM	U.S.			Need to revise cost/action/volumes Northern Lights is located across creek from Bobby Anderson. Part of rock dump addressed by road ROW remediation.

Notes:

	Sites noted as "active" based on available information and comments received.
	Sites identified as "remediated" based on available information and comments received.
	Site added to active based on PFT discussion, needs to be verified.
	Removed from remediated site category based on PFT discussion.
	Added to remediated site category based on PFT discussion.
	Removed from active site category based on PFT discussion.

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 6

Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Canyon Creek Watershed

OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
THO023	UNNAMED ADIT	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0	0		USFS				2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR185	WEST MAMMOTH MINE	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0.310	0		USFS				2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR187	UNNAMED ADIT	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0.250	11.5		USFS				2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR132	GERTIE MINE	Upland waste rock (erosion potential)	92,000		Canyon Creek	Excavate and Cap	Low Human Access, and Within 1/4 mile from houses	Moderate erosion	1.15	0		PRIVATE			Yes	2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR133	RUSSEL MINE	Upland waste rock (erosion potential)	5,300		Canyon Creek	Excavate and Dispose			0	0		PRIVATE				2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR134	ALCIDES PROSPECT & IMPERIAL MINE	Upland waste rock (erosion potential)	14,400		Canyon Creek	Excavate and Dispose			0	0		PRIVATE	Grouse Peak LLC			2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR135	SONORA MINE	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0.580	0		PRIVATE	Grouse Peak LLC			2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR105	OOM PAUL NO. 2	Upland waste rock (erosion potential)	6,500		Canyon Creek	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	0.270	0		PRIVATE				2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR107	AJAX NO.3	Upland waste rock (erosion potential) Adit drainage	139,000		Canyon Creek	Excavate and Cap w/Seep Collection Active Treatment	Moderate Human Access, and More than 1 mile from houses	Moderate erosion	2.34	166		BLM	East Shoshone County Water District			2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR109	OOM PAUL NO. 1	Upland waste rock (erosion potential)	27,400		Canyon Creek	Excavate and Cap	High Human Access, and 1/4 to 1/2 mile from houses	Moderate erosion	1.14	36.7		PRIVATE				2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR150	CANYON CK GARBAGE DUMP	Floodplain waste rock	32,600		Canyon Creek	Excavate and Cap	High Human Access, and Within 1/4 mile from houses	Moderate erosion	1.36	0		PRIVATE				2 samples at CC-290, AWQC ratio: 0.07, 0.44, PB: ND
BUR087	HERCULES NO. 3	Upland waste rock (erosion potential)	25,000		Tributary to Canyon Creek (Gorge Gulch)	Excavate and Cap	Low Human Access, and More than 1 mile from houses	No erosion	2.85	0		PRIVATE			Yes	
BUR089	IDAHO AND EASTERN MINE	Upland waste rock (erosion potential)	200		Tributary to Canyon Creek (Gorge Gulch)	Excavate and Cap			0	35.5		PRIVATE				
BUR099	BENTON MINE	Adit drainage			Tributary to Canyon Creek (Gorge Gulch)	Active treatment			0	168		PRIVATE				
BUR149	AJAX NO.2 ADJACENT ROCK DUMP	Upland waste rock (erosion potential)	10,400		Tributary to Canyon Creek (Gorge Gulch)	Excavate and Cap	Moderate Human Access, and More than 1 mile from houses	Moderate erosion	0.510	89.9		PRIVATE			Yes	
BUR166	UNNAMED ADIT	Upland waste rock (erosion potential)	200		Tributary to Canyon Creek (Gorge Gulch)	Excavate and Cap			0.330	0		PRIVATE				
BUR180	STANLEY MINE	Upland waste rock (erosion potential)	5,500		Tributary to Canyon Creek (Gorge Gulch)	Excavate and Cap			0.230	59.2		PRIVATE				
BUR088	AJAX NO.2	Adit drainage			Tributary to Canyon Creek (Gorge Gulch)	Active treatment			0	0		PRIVATE				
BUR092	FAIRVIEW/WIDE WEST MINE	Adit drainage			Tributary to Canyon Creek (Gorge Gulch)	Active treatment			N/A	663		PRIVATE				Removed prior to proposed plan
BUR090	HERCULES NO. 4	Upland waste rock (erosion potential) Upland Tailings	55,000 30,000		Tributary to Canyon Creek (Gorge Gulch)	Excavate and Cap Excavate and Dispose	Heavy erosion, Moderate Human Access, and 1/2 to 1 mile from houses	Heavy Erosion	9.39	0		PRIVATE			Yes	
BUR146	GORGE GULCH IMPACTED RIPARIAN	Floodplain sediments	51,000		Tributary to Canyon Creek (Gorge Gulch)	Excavate and Repository			3.66	0		PRIVATE			Yes	
BUR145	ONEILL GULCH UNNAMED ROCK DUMP	Upland waste rock (erosion potential)	56,000		Canyon Creek	Excavate and Dispose	Low Human Access, and 1/4 to 1/2 mile from houses	Moderate erosion	1.32	30.3		PRIVATE				
BUR153	CANYON CK IMPACTED FLOODPLAIN	Floodplain sediments	35,000		Canyon Creek	Excavate and Repository			6.08	0		PRIVATE			Yes	
BUR129	TIGER-POORMAN MINE	Upland tailings Adit drainage	5,250		Canyon Creek	Excavate and Dispose Active Treatment	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	1.65	53.9		PRIVATE			Yes	
BUR130	MARSH MINE	Upland waste rock (erosion potential) Upland Tailings	3,000 0		Canyon Creek	Excavate and Cap Excavate and Dispose	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	2.36	0		PRIVATE			Yes	
BUR128	HECLA-STAR MINE & MILLSITE COMPLEX	Upland tailings	43,400		Canyon Creek	Excavate and Dispose	Low Human Access, and Within 1/4 mile from houses	Moderate erosion	7.74	0		PRIVATE			Yes	Active facility
BUR096	ANCHOR MINE	Upland waste rock Adit Drainage	34,000		Canyon Creek	Regrade/ Consolidate/Revegetate Active Treatment	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	1.05	0		PRIVATE	Brush Prairie Minerals, Inc.		Yes	
BUR097	HIDDEN TREASURE MINE	Upland waste rock Adit Drainage	20,900		Canyon Creek	Regrade/ Consolidate/Revegetate Active Treatment	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	0.820	50.1		PRIVATE				
BUR098	HERCULES NO. 5	Upland waste rock (potential intermixed tailings) Adit Drainage	55,000		Canyon Creek	Excavate and Dispose Active Treatment	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	3.19	0		PRIVATE			Yes	
BUR094	SHERMAN 600 LEVEL	Upland waste rock (erosion potential)	34,000		Canyon Creek	Regrade/ Consolidate/Revegetate			1.40	0		PRIVATE				
BUR125	MIDWAY SUMMIT MINE	Upland waste rock (erosion potential)	8,000		Canyon Creek	Regrade/ Consolidate/Revegetate			0	9.15		PRIVATE				
BUR189	DULUTH MINE CANYON CK	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0	49.0		PRIVATE				
BUR124	OMAHA MINE	Upland waste rock (erosion potential)	24,000		Canyon Creek	Regrade/ Consolidate/Revegetate			0.6			PRIVATE				
BUR177	JOE MATT MINE	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0.550	0		PRIVATE			Yes	
BUR176	UNNAMED ADIT	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0.560	0		PRIVATE				
BUR178	WEST HECLA MINE	Upland waste rock (erosion potential)	11,000		Canyon Creek	Excavate and Cap	None Human Access, and More than 1 mile from houses	No erosion	0.460	0		PRIVATE	Brush Prairie Minerals Inc.			
BUR144	STANDARD-MAMMOTH LOADING AREA	Upland waste rock (erosion potential)	39,000		Canyon Creek	Excavate and Cap			2.54	0		PRIVATE				
BUR072	STANDARD-MAMMOTH NO.4	Upland waste rock (erosion potential)	14,300		Canyon Creek	Low Permeability Cap	Low Human Access, and 1/2 to 1 mile from houses	Moderate erosion	0	0		PRIVATE			Yes	
BUR073	STANDARD-MAMMOTH CAMPBELL ADIT	Upland waste rock	126,000		Canyon Creek	Excavate and Cap	High Human Access, and Within 1/4 mile from houses	Moderate erosion	4.63	0		PRIVATE			Yes	
BUR075	SHERMAN 1000 LEVEL (OREANO ADIT)	Upland Tailings	3,500		Canyon Creek	Excavate and Dispose	Low Human Access, and More than 1 mile from houses	Moderate erosion	0	632		PRIVATE				
BUR204	UNNAMED ROCK DUMP	Upland waste rock (erosion potential)	200		Canyon Creek	Excavate and Cap			0.190	68.8		PRIVATE				
BUR066	MOONLIGHT MINE	Upland waste rock (erosion potential)	7,000		Canyon Creek	Excavate and Cap	Low Human Access, and 1/2 to 1 mile from houses	No erosion	0.300	0		PRIVATE				
BUR068	HEADLIGHT MINE	Upland waste rock (erosion potential)	12,000		Canyon Creek	Excavate and Dispose	None Human Access, and More than 1 mile from houses	Moderate erosion	0	56.8		PRIVATE	Hecla Silver Valley, Inc.			
BUR067	TAMARACK NO.7 (1200 LEVEL)	Upland waste rock (potential intermixed tailings) Upland tailings Adit drainage	350,000 2,500		Canyon Creek	Excavate and Cap+Dispose Excavate and Dispose Active Treatment	High Human Access, and Within 1/4 mile from houses	Moderate erosion	8.25	0		PRIVATE			Yes	
BUR142	GEM MILLSITE	Upland tailings Upland waste rock (potential intermixed tailings)	4,900 72,500		Canyon Creek	Excavate and Dispose Low Permeability Cap	High Human Access, and Within 1/4 mile from houses	Heavy erosion	2.65	2.99		PRIVATE			Yes	
BUR143	CANYON CK IMPACTED RIPARIAN	Floodplain sediments	32,000		Canyon Creek	Excavate and Repository			31.6	0		PRIVATE			Yes	Revisit waste volume if documentation can be provided regarding removals in this area.
BUR117	FRISCO MILLSITE	Upland Tailings Upland waste rock (potential intermixed tailings)	1,800 145,000		Canyon Creek	Excavate and Dispose Low Permeability Cap	Moderate Human Access, and Within 1/4 mile from houses	Heavy erosion,	1.11	0		PRIVATE			Yes	
BUR118	FRISCO NO.2 & NO.1	Upland waste rock (erosion potential)	33,000		Canyon Creek	Excavate and Dispose	Low Human Access, and 1/4 to 1/2 mile from houses	Moderate erosion	1.39	0		PRIVATE			Yes	
BUR119	BLACK BEAR NO.4	Upland waste rock	44,000		Canyon Creek	Regrade/ Consolidate/Revegetate			0.0400	7.24		PRIVATE			Yes	
BUR120	SILVER MOON MINE	Upland waste rock (erosion potential)	22,000		Canyon Creek	Regrade/ Consolidate/Revegetate	Low Human Access, and Within 1/4 mile from houses	Moderate erosion	0.130	66.5		PRIVATE				
BUR121	BLACK BEAR FRACTION	Upland waste rock (erosion potential) Adit drainage	103,000		Canyon Creek	Excavate and Cap Active Treatment	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	1.59	107		PRIVATE			Yes	

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 6

Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Canyon Creek Watershed

OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
BUR122	FLYNN MINE	Upland waste rock (erosion potential)	27,000		Canyon Creek	Excavate and Cap	Low Human Access, and Within 1/4 mile from houses		1.02	188		PRIVATE				
BUR191	FRISCO NO.3	Upland waste rock	0		Canyon Creek	Regrade/ Consolidate/Revegetate	Low Human Access, and Within 1/4 mile from houses	No erosion	0.610	0		PRIVATE			Yes	
BUR192	BLACK BEAR MILLSITE	Floodplain tailings (discrete site) Upland waste rock (erosion potential)	3,100 27,000		Canyon Creek	Excavate and Dispose Excavate and Cap	Moderate Human Access, and Within 1/4 mile from houses	Moderate erosion	1.12	9.18		PRIVATE			Yes	
BUR112	GEM NO.2	Adit drainage			Canyon Creek	Active treatment			0	389		PRIVATE				
BUR141	CANYON CK IMPACTED FLOODPLAIN	Floodplain sediments	22,000		Canyon Creek	Excavate and Repository			13.0	0		PRIVATE			Yes	
BUR190	GEM NO. 3	Adit Drainage			Canyon Creek	Active Treatment			0.00	185.0		PRIVATE				
OSB047 (WP-02)	CANYON CK FORMOSA REACH SVNRT REHAB	Floodplain sediments	17,000		Canyon Creek	Excavate + Repository +Stream Lining + French Drain			144.93	0		BLM	U.S.		Yes	
WAL011 (WP-02)	CANYON SILVER (FORMOSA) MINE	Floodplain sediments Adit Drainage	8,000		Canyon Creek	Excavate + Repository +Stream Lining + French Drain Active Treatment	Moderate Human Access, and 1/2 to 1 mile from houses	Moderate erosion	144.93	24.3		PRIVATE	Canyon Silver Mines Inc.		Yes	
WAL010 (WP-02)	CANYON CK POND REACH SVNRT REHAB	Floodplain sediments	15,000		Canyon Creek	Excavate + Repository +Stream Lining + French Drain			144.93	0		PRIVATE	Clifford Hinsz (22% int. in Milton MS 2361)		Yes	
WAL009	HECLA-STAR TAILINGS PONDS	Floodplain sediments (underlying tailings pond) Floodplain Tailings (inactive facilities)	323000 2,100,000		Canyon Creek	Stream Lining + French Drain			N/A	6.76		PRIVATE	Hecla Limited		Yes	Active facility
WAL039 (WP-03)	STANDARD-MAMMOTH MILLSITE	Upland Tailings	12,500		Canyon Creek	Excavate and Repository	adjacent to other remediated property, residences directly downstream and within 1000', High Human Access, and Within 1/4 mile from houses	Heavy erosion	0	80.0		PRIVATE	Successor Coeur d'Alene Custodial and Work Trust		Yes	
WAL040 (WP-04)	CANYON CK IMPACTED FLOODPLAIN	Floodplain sediments	18,000		Canyon Creek	Excavate and Repository			26.16	0		PRIVATE			Yes	
WAL041 (WP-02)	CANYON CK REPOSITORY REACH SVNRT REHA	Floodplain sediments	61,000		Canyon Creek	Excavate + Repository +Stream Lining + French Drain			144.93	0		PRIVATE	Applied Minerals Inc.		Yes	
WAL042 (WP-06)	CANYON CK TAILINGS REPOSITORY SVNRT	Floodplain sediments Floodplain tailings - inactive Facilities	8100 600000		Canyon Creek	Stream Lining + French Drain C03+C14b+C15b	High Human Access, and Within 1/4 mile from houses	Moderate erosion	0	270		PRIVATE	Hecla Limited		Yes	
WAL081 (WP-05)	WALLACE OLD PRIVATE LANDFILL	Floodplain artificial fill	5,700		Canyon Creek	Excavate and Repository	High Human Access, and Within 1/4 mile from houses	Moderate erosion	0	50.5		PRIVATE			Yes	

Notes:

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- Site added to active based on PFT discussion, needs to be verified.
- Removed from remediated site category based on PFT discussion.
- Added to remediated site category based on PFT discussion.
- Removed from active site category based on PFT discussion.

Preliminary Information, for Discussion Purposes Only, Subject to Change

TABLE 7

Summary Data to be Used for The Adaptive Management Framework for Alternative 3+ Sites Within The Ninemile Creek Watershed

OU3 Upper Basin

BLM Site Number	Site Name	Waste Type	Waste Volume	1997 Simplified Tool Stream Segment	Watershed	Alternative 3+ TCD	Human Health	Erosion Potential	Riparian Acreage	Distance to Nearest Water Body	Recontamination Potential	Property Ownership Type	Property Ownership Detail	Specific Notes from BLM Field Surveys	Site Included in the Hecla Proposal	Verbal Input from PFT Members at 2/3/11 Upper Basin PFT Meeting
BUR051	SUNSET MINE	Adit drainage		NM-289	Ninemile Creek	Passive Treatment			0	1,988		PRIVATE	Mine Ventures LLC			4 samples at NM-289, AWQC ratio: ND - 0.14, PB: ND - 0.1
BUR052	LITTLE SUNSET MINE	Upland waste rock	4,000	NM-289	Ninemile Creek	Excavate and Cap			0	2,021		PRIVATE	Mine Ventures LLC			4 samples at NM-289, AWQC ratio: ND - 0.14, PB: ND - 0.1
BUR053	INTERSTATE-CALLAHAN MINE/ROCK DUMPS	Upland waste rock (erosion potential)	692,000	NM-291	Ninemile Creek	Excavate and Cap w/Seep Collection	Low Human Access, and 1/2 to 1 mile from houses	Heavy erosion	8.45	0		PRIVATE	Mine Ventures LLC		Yes	
BUR160	INTERSTATE-CALLAHAN LOWER ROCK DUMPS	Upland waste rock (erosion potential)	0	NM-291	Ninemile Creek	Excavate and Cap w/Seep Collection	Low Human Access, and 1/2 to 1 mile from houses	Heavy erosion	3.97	0		PRIVATE	Mine Ventures LLC		Yes	
BUR140	NINEMILE CREEK IMPACTED FLOODPLAIN	Floodplain sediments	10,000	NM-291	Ninemile Creek	Excavate and Repository			5.50	0		PRIVATE	Mine Ventures LLC		Yes	
BUR055	INTERSTATE MILLSITE	Floodplain sediments Upland Tailings	5,500 14,000	NM-293	Ninemile Creek	Excavate and Repository Excavate and Dispose	Low Human Access, and 1/2 to 1 mile from houses	No erosion	8.27	0		PRIVATE			Yes	
BUR056	TAMARACK ROCK DUMPS	Upland Waste Rock (potential intermoxed tailings)	293,000	NM-293	Ninemile Creek	Regrade/ Consolidate/Revegetate	Low Human Access, and 1/2 to 1 mile from houses	Moderate erosion	10.2	478		PRIVATE	Mine Ventures LLC		Yes	
BUR170	TAMARACK 400 LEVEL	Upland waste rock (potential intermixed tailings) Adit Drainage	11,000	NM-293	Ninemile Creek	Low Permeability Cap Passive Treatment			0.950	318		PRIVATE	Mine Ventures LLC		Yes	
BUR171	TAMARACK NO.5	Upland waste rock (potential intermixed tailings) Adit Drainage	0	NM-293	Ninemile Creek	Low Permeability Cap Passive Treatment	Moderate Human Access, and More than 1 mile from houses	Moderate erosion	0.110	1,381		PRIVATE	Mine Ventures LLC		Yes	
BUR172	TAMARACK UNNAMED ADIT	Upland waste rock	0	NM-293	Ninemile Creek	Low Permeability Cap			0.420	1,175		PRIVATE	Mine Ventures LLC		Yes	
BUR173	TAMARACK MILLSITE	Upland tailings	0	NM-293	Ninemile Creek	Excavate and Dispose			0.700	980		PRIVATE	Mine Ventures LLC		Yes	
OSB056	EF NINEMILE CK IMPACTED RIPARIAN	Floodplain sediments	1,600	NM-293	Ninemile Creek	Excavate and Repository			11.0	0	Recontamination	PRIVATE	Grouse Peak LLC			
BUR058	TAMARACK NO.3	Adit drainage		NM-293	Ninemile Creek	Passive Treatment			0	1,549		PRIVATE	Mine Ventures LLC			
BUR139	REX NO.1	Upland waste rock	0	NM-295	Ninemile Creek	Low Permeability Cap			0	759		PRIVATE	Grouse Peak LLC			
BUR054	REX NO.2 / SIXTEEN-TO-ONE MINE	Upland tailings Upland Waste Rock Adit drainage	225,000 75,000	NM-295	Ninemile Creek	Impoundment Closure Low Permeability Cap Passive Treatment	High Human Access, and Within 1/4 mile from houses	Moderate erosion	0	290		BLM	J. Chris Pfahl & David H. & Christine A. Rust			Need to adjust volumes, cost, action
OSB048	AMERICAN MINE	Upland waste rock	200	NM-297	Ninemile Creek	Regrade/ Consolidate/Revegetate			0.110	114		PRIVATE	Success Mining Company, Ltd. c/o Mel McPhee c/o Magnuson		Yes	
OSB044	SUCCESS MINE ROCK DUMP	Floodplain sediments Upland Tailings Upland Waste Rock	10,000 360,000 17,000	NM-297	Ninemile Creek	Excavate and Repository Regrade/ Consolidate/Revegetate Excavate and Repository	Moderate Human Access, and More than 1 mile from houses	Moderate erosion	8.13	0		PRIVATE	Success Mining Company, Ltd. c/o Mel McPhee c/o Magnuson		Yes	
OSB057	EF NINEMILE CK IMPACTED RIPARIAN	Floodplain sediments	13,000	NM-297	Ninemile Creek	Excavate and Repository			9.67	0		PRIVATE	Joe North		Yes	
OSB058	EF NINEMILE CK SVNRT REHAB	Floodplain sediments	1,600	NM-297	Ninemile Creek	Excavate and Repository			1.00	0	Recontamination	BLM	U.S.			
OSB088	ALAMEDA MINE	Adit drainage		NM-297	Ninemile Creek	Active treatment			0	229		PRIVATE	Success Mining Company, Ltd. c/o Mel McPhee c/o Magnuson		Yes	
OSB089	SUCCESS NO.3	Adit drainage		NM-297	Ninemile Creek	Active treatment	No Erosion or Human Access		0	47.7		PRIVATE	Success Mining Company, Ltd. c/o Mel McPhee c/o Magnuson		Yes	
OSB040	EF NINEMILE CK HECLA REHAB	Floodplain sediments	19,000	NM-301	Ninemile Creek	Excavate and Repository			9.23	0		PRIVATE				
OSB059	NINEMILE CK BELOW DAYROCK MINE	Floodplain sediments	33,000	NM-301	Ninemile Creek	Excavate and Repository			5.43	0		PRIVATE	Blue Wing Mining Company c/o Zanetti Brothers		Yes	
OSB115	OPTION MINE	Upland waste rock (erosion potential)	200	NM-301	Ninemile Creek	Excavate and Cap			0.150	0		PRIVATE	Grouse Peak LLC			
OSB039	DAYROCK MINE	Floodplain Sediments Upland Tailings Adit Drainage	22,000 11,000	NM-301	Ninemile Creek	Excavate and Repository Excavate and Dispose Active treatment			10.7	0		PRIVATE	U.S. Silver - Idaho, Inc.		Yes	
OSB052	DAYROCK MINE TLGS PILE/SVNRT REPOSITORY	Upland tailings - inactive facilities	200,000	NM-302	Ninemile Creek	Impoundment Closure			4.91	113		PRIVATE	Hecla Limited		Yes	
OSB061	BLACKCLOUD CK MILLSITE	Upland tailings	7,000	NM-303	Ninemile Creek	Excavate and Dispose	High Human Access, and Within 1/4 mile from houses		1.50	21.0		PRIVATE	Jerry Joe & Dorothy M. Caron			Remediated? Need to adjust volume, cost, action
OSB032	DULUTH MINE BLACKCLOUD CK	Floodplain waste rock	20,000	NM-302	Ninemile Creek	Excavate and Cap			0.840	0.8683		PRIVATE	Silver Star Mining Company			
OSB033	RUTH MINE	Upland waste rock (erosion potential)	16,000	NM-302	Ninemile Creek	Excavate and Cap			0.680	29.4		PRIVATE	Silver Star Mining Company			
OSB038	CALIFORNIA NO.4	Floodplain waste rock	31,000	NM-302	Ninemile Creek	Excavate and Cap			1.28	0		PRIVATE				
OSB082	MONARCH MINE BLACKCLOUD CK	Floodplain waste rock	13,000	NM-302	Ninemile Creek	Excavate and Cap			0.540	0		PRIVATE	Silver Star Mining Company			
OSB084	BLACKCLOUD CK IMPACTED RIPARIAN	Floodplain sediments	0	NM-302	Ninemile Creek	Excavate and Repository			1.10	0		PRIVATE	Grouse Peak LLC			
OSB085	BLACKCLOUD CK IMPACTED RIPARIAN	Floodplain sediments	0	NM-302	Ninemile Creek	Excavate and Repository			8.96	0		BLM	U.S.			
OSB060	NINEMILE CK SVNRT REHAB NEAR BLACKCLD	Floodplain sediments	800	NM-303	Ninemile Creek	Excavate and Dispose			12.6	0	Recontamination	BLM	David B. & Eva M. Truean			
WAL033	NINEMILE CK POTENTIAL TAILINGS DEPOSIT	Floodplain sediments	34,000	NM-304	Ninemile Creek	Excavate and Dispose			24.9	0		PRIVATE	Richard A. & Sallee M. Raine			
WAL006	NORTHSIDE MINE	Upland waste rock (erosion potential)	200	NM-304	Ninemile Creek	Excavate and Cap			0	45.9		PRIVATE	Grouse Peak LLC			

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- Added to remediated site category based on PFT discussion.
- Removed from active site category based on PFT discussion.