

J. E. STOVER & ASSOCIATES, INC.

2352 NORTH 7TH STREET, UNIT B GRAND JUNCTION, COLORADO 81501 PHONE: (970) 245-4101, FAX: (970) 242-7908

MINE ENGINEERING MINE RECLAMATION

CIVIL ENGINEERING CONST. MANAGEMENT

July 5, 2017

Janet Binns
Division of Reclamation, Mining & Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Re: McClane Canyon Mining LLC

McClane Canyon Mine

CDPS Permit DMRs, Quarterly Reports

Permit C-1980-004

Dear Ms. Bins:

Enclosed please find discharge monitoring reports for CDPS Permit No. CO 0038342, outfalls 001, 002 and 004. Pond inspection reports are also enclosed. The reports are for June and the second quarter of 2017.

Sincerely,

J. E. Stover

J. E. Stover, P.E. Consulting Engineer

Enclosures

cc: Mine Records

DMRDMG

Parmittee C.0008342 Parmittee Parm																					
Parameter Para	Permit													,							
Lome, CO 91524 Company Control	Permit #:	CO0038342			Permi	ittee:		McC	Clane Canyon Min	ing, LLC				Facility:		MC	CLANE C	ANYON	MINE		
See Poor Debate & Statius See	Major:	No			Permi	ittee Add	ress:							Facility	Location:	AP	PX 20MI N	OF TO			
Mark Device Perfect	Permitted Feature:				Disch	arge:				to East S	Salt Creek										
Table	Report Dates & Status																				
Title	Monitoring Period:	From 06/01/17 to 0	6/30/17		DMR I	Due Date):	07/2	28/17					Status:		Ne	tDMR Vali	dated			
Title: T	Considerations for Form Co	ompletion																			
Title			its applie	d for <=10YR,	, 24HR pre	cip event	; total iron limit	ts will be w	vaived for >10YR,	24HR pro	ecip even	t - attach doo	cumentatio	on.							
Last Name No Data Indicator (NODI) Form NODI: Season Param. NODI Sample Form NoDI: Form NoDI					Title									Telepho	ne:						
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Sample		Monitoring Locatio	n Season	# Param. NODI		Qualifier 1				Units	Qualifier 1	Value 1				3 Value 3	Units		. Frequency of Al	naiysis S	Sample Type
Sample S																					
Sample 1 - Effluent Gross 0 - Permit Reg. 2- No Discharge C - No Discharge 1 - Effluent Gross 0 - Permit Reg. 2- No Discharge C - No Discharge 2- No Discharge C - No Discharge 3- No Discharge C - No Discharge 3- No Discharge C - No Discharge 3- No Disch	00400 pH	1 - Effluent Gross	0							:					<=				02/30 - Twice Per	Month G	GR - GRAB
Permit Reg.												C - No Dischar	ge			C - No Discharg	9				
Value NODI 1 - Effluent Gross 0 - Permit Req. Value NODI 2 - Permit Req. Value NODI 3 - Permit Req. Value NODI 4 - Effluent Gross 0 - Permit Req. Value NODI 5 - Permit Req. Value NODI 6 - Permit Req. Value NODI 6 - Permit Req. Value NODI 6 - Permit Req. Value NODI 7 - Permit Req. 8 - Permit Req. 8 - Permit Req. 9 - P	00530 Solids, total suspended	1 - Effluent Gross	0										<=	30 30DA AVG	i <=	70 DAILY MX	19 - mg	/L	02/30 - Twice Per	Month G	GR - GRAB
Permit Rac, Value NODI Sample 1 - Effluent Gross 0 - Vermit Rac, Value NODI Sample 1 - Effluent Gross 0 - Vermit Rac, Value NODI Sample 1 - Effluent Gross 0 - Vermit Rac, Value NODI Value NODI Sample 0 - Vermit Rac, Value NODI Sample Sample 0 - Vermit Rac, Value NODI Sample Sa					Value NODI									C - No Discha	rge	C - No Discharg					
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Sample Permit Req. Sample Sam	00545 Solids, settleable	1 - Effluent Gross	0													-		/L	01/30 - Monthly	G	JR - GRAB
Value NODI Sample Sample Permit Req. = 0.216 30DA AVG Req Mon DAILY MX 03 - MGD C - No Discharge C - No Disc																o ite bicenary					
Sample Permit Reu. c= 0.216 30DA AVG Req Mon DAILY MX 03 - MGD 02/30 - Twice Per Month IN - INSTAN Value NODI C - No Discharge C - No Discharg	00980 Iron, total recoverable	1 - Effluent Gross	0										<=					L	02/30 - Twice Per	Month G	GR - GRAB
Permit Req. = 0.216 30DA AVG Req Mon DAILY MX 03 - MGD Value NODI C - No Discharge C - No D														C - No Discha	rge	C - No Discharg	9				
Value NODI C - No Discharge	50050 Flow. in conduit or thru treatm	nent plant 1 - Effluent Gross	0			<=	0.216 30DA AVG	.	Rea Mon DAILY MX	03 - MGD									02/30 - Twice Per	Month IN	N - INSTAN
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors No errors. Comments Attachments No attachments No attachments Report Last Saved By McClane Canyon Mining, LLC User: jimstover Date/Time: 2017-07-05 13:33 (Time Zone: -06:00)																					
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Name: Jim Stover F-Mail: jestover@bresnan.net	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OVAr																			

Permit															
Permit #:	CO0038342			Perr	nittee:		McClane Canyon I	Mining, Ll	LC	Faci	lity:	MC	CLANE CANY	ON MINE	
Major:	No			Perr	nittee Add	Iress:	P.O. Box 98 Loma, CO 81524			Faci	lity Location	AP	48 HIGHWAY PX 20MI N OF RFIELD COUI		
Permitted Feature:	001 External Outfall			Disc	harge:		001-Q Quarterly Monitoring	ng for 001	1A						
Report Dates & Status				,											
Monitoring Period:	From 04/01/17	to 06/3	30/17	DMF	R Due Date	e:	07/28/17			Stati	ıs:	Ne	tDMR Validate	ed	
Considerations for Form	Completion									,					
Quarterly monitoring - see I															
Principal Executive Office															
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Parameter Code Name	Monitoring Location	n Seaso	on # Param. NODI		Qualifier 1	Quantity or Loadi	ng Value 2 Units Qualifier	1 Value 1 C	Qualifier 2	Quality or Conc Value 2	entration Qualifier 3	Value 3		k. Frequency of Analysis	s Sample Typ
Code Name				Sample	Qualifier	value i Qualifier 2	value 2 Units Qualifier	1 value 1 G	auaimer 2	value 2	Qualifier 3	value 3	Units		
00978 Arsenic, total recoverable	1 - Effluent Gross	0		Permit Req.						Req Mon 30DA AVO	3		28 - ug/L	01/90 - Quarterly	GR - GRAB
				Value NODI						C - No Discharge					
04000 7"	4 577			Sample						D 14 00D4 41/6		D. M. DAHLYANY	00 #	04/00 0 4 1	00 0040
01303 Zinc, potentially dissolved	1 - Effluent Gross	0		Permit Req. Value NODI						Req Mon 30DA AVO C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	01/90 - Quarterly	GR - GRAB
				Sample						O 140 Discharge		O 140 Discharge			
01306 Copper, potentially dissolve	ed 1 - Effluent Gross	0		Permit Req.						Req Mon 30DA AV	3	Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB
				Value NODI	1					C - No Discharge		C - No Discharge			
01313 Cadmium, potentially disso	lud 1 Effluent Cross	0		Sample Permit Req.						Req Mon 30DA AVO	<u> </u>	Req Mon DAILY MX	29/I	01/90 - Quarterly	GR - GRAB
01313 Caumium, potentially disso	Ivu 1 - Elliuent Gloss	U	-	Value NODI						C - No Discharge		C - No Discharge	28 - ug/L	01/90 - Quarterly	GK - GKAD
				Sample						g					
01318 Lead, potentially dissolvd	1 - Effluent Gross	0		Permit Req.						Req Mon 30DA AV	3	Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB
				Value NODI	1					C - No Discharge		C - No Discharge			
01323 Selenium, potentially dissol	vd 1 - Effluent Gross	0		Sample Permit Req.						Req Mon 30DA AVO	3	Req Mon DAILY MX	28 - ug/l	01/90 - Quarterly	GR - GRAB
01323 Selenium, potentially dissol	va 1 - Emdent Gross	U		Value NODI						C - No Discharge		C - No Discharge	20 - ug/L	01/90 - Quarterly	OK - OKAD
Submission Note					_					,		,			
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Permit																					
Permit #:	CO0038342			Permi	ittee:		McClan	e Cany	on Minir	ng, LLC			Facility:			MCCL	ANE C	ANYON I	MINE		
Major:	No			Permi	ittee Address:		P.O. Bo Loma, 0		524				Facility L	ocation:		APPX	20MI N	AY 139 I OF TOV OUNTY,	VN CO 81524	ļ	
Permitted Feature:	001 External Outfa	all		Disch	narge:		001-S Semi-A	nnual M	/lonitorin	g for 00)1A										
Report Dates & State	us																				
Monitoring Period:	From 01/01/1	7 to 06/3	30/17	DMR	Due Date:		07/28/1	7					Status:			NetDN	IR Vali	dated			
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Parameter Code Name	Monitoring Location	Season #	Param. NODI		Qualifier 1 Value	tity or Load		2 Units C	Qualifier 1	Value 1			oncentratio lue 2	n Qualifier 3 \	/alue 3		# Of EX.	Frequenc	y of Analys	is Samp	ole Type
50092 Mercury, total low lev	vel 1 - Effluent Gross	0	_	Sample Permit Req. /alue NODI								Req Mon C - No Dis	30DA AVG scharge		2	≀8 - ug/L		02/YR - Tv	vice Per Yea	ır GR - 0	GRAB
If a parameter row doe	es not contain any val	lues for t	ha Sampla no	r Effluent	Trading then n	one of th	a followi	ina field	le will ha	cuhmit	tad for th	nat row: L	Inite Num	her of Eve	ureione	Frequ	iency o	f Analysi	e and Sar	nnle Tv	/ne
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Permit																
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Major:	No			Permittee Addre	ess:	P.O. Box Loma, Co				Fac	ility Location	ı:	3148 HIGHV APPX 20MI GARFIELD (N OF		
Permitted Feature:	001 External Outfall			Discharge:		001-W Acute WE	ET Testing	g for 001 <i>A</i>								
Report Dates & Status																
Monitoring Period:	From 04/01/17 to	06/30/17		DMR Due Date:		07/28/17				Stat	tus:		NetDMR Va	idated		
Considerations for Form Con	pletion									·						
See I.D.1 for details of test prod	edure. Report LC50) - statistical poin	it estimate	e which is lethal to	o 50% of te	est organisms ar	nd attach	acute toxi	city test re	eport form to DI	MR.					
Principal Executive Officer																
First Name:				Title:						Tele	ephone:					
Last Name:										,						
No Data Indicator (NODI)			,													
Form NODI:																
Parameter		Monitoring Location	on Season	# Param. NODI			or Loading				ality or Concent			# of Ex	Frequency of Analysis	Sample Type
Code Name				9	Qui Sample	alifier 1 Value 1 Qu	ualifier 2 Va	alue 2 Units	Qualifier 1	Value 1	Qualifier 2 Valu	ue 2 Qualifier	3 Value 3 Units			
TAM3B LC50 Static Renewal 48Hr Acu	te Ceriodaphnia dubia	1 - Effluent Gross	0	Per	mit Req.					100 MN VALUE C - No Discharge			23 - %		01/90 - Quarterly	GR - GRAB
TAN6C LC50 Statre 96Hr Acute Pimep	hales	1 - Effluent Gross	0	S. Per	Sample mit Req.				>=	100 MN VALUE C - No Discharge			23 - %		01/90 - Quarterly	GR - GRAB
Submission Note																
If a parameter row does not con	tain any values for	the Sample nor E	Effluent T	rading, then none	of the follo	owing fields will	be submit	tted for the	at row: Un	its, Number of	Excursions, F	requency of	f Analysis, and	l Samp	ole Type.	
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McClane Canyon Mining, LLC																
User: jimstover					Date	e/Time:				2017-07-05 1	3:30 (Time 2	Zone: -06:00	0)			
Name: Jim Stover																
E-Mail: jestover@bre																

03582 Oil and grease

Dimit dopy of record																		
Permit																		
Permit #:	CO0038342			l l	Permittee:			McClane Car	nyon Mining, LLC				Facility:		MCCLAN	IE CANY	ON MIN	E
Major:	No				Permittee /	Address:		P.O. Box 98	,				Facility Location	on:	3148 HIG			
wajor.	NO				ermittee i	Address.		Loma, CO 81	1524				Tacility Location	011.	APPX 20	MI N OF	TOWN	
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Permitted Feature:	002			l r	Discharge:			002-A										
r crimited r catale.	External Outfall				Jischarge.				Mine to East Sa	alt Creek								
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·				Oil and an		LC 4 ~ CAD		estad @ MI OC	` D									
30 day average is highest monthly	average reported di	uning pe	enou reporteu.	Oil and gre	ease - see	1.C. 1.a. SAR	- report adju	isted @ MLOC	<i>,</i> =₽.									
Principal Executive Officer																		
First Name:				٦	Γitle:								Telephone:					
Last Name:																		
No Data Indicator (NODI)																		
Form NODI:																		
Parameter	Monitoring Locatio	n Seaso	on # Param. NOD	I			Quantity or						Quality or Concentra				# of Ex.	Frequency of Analysis Sample Type
Code Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier	2 Value 2	Qualifier 3	3 Value 3	Units		
00094 Conductivity	1 - Effluent Gross	0		Sample Permit Reg									Req Mon 30DA AVG	3		7B - dS/m		02/30 - Twice Per Month GR - GRAB
See Conduction,	2			Value NOD									C - No Discharge					Zies Times Fer meiner ert ert z
				Sample														
00400 pH	1 - Effluent Gross	0		Permit Req							6.5 MINIMUM	_		<=		12 - SU	C	02/30 - Twice Per Month GR - GRAB
				Value NOD Sample	1						C - No Discharge	3			C - No Discharge			
00440 Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0		Permit Req	j.								Req Mon 30DA AVG	3	Req Mon DAILY MX	19 - mg/L	C	02/30 - Twice Per Month GR - GRAB
				Value NOD	I								C - No Discharge		C - No Discharge			
00520 Solido, total augmended	1 - Effluent Gross	0		Sample Permit Box									30 30DA AVG		70 DAILY MX	10 mg/l		02/30 - Twice Per Month GR - GRAB
00530 Solids, total suspended	1 - Elliuent Gross	U		Permit Req Value NOD								<=	C - No Discharge	<=	C - No Discharge	19 - mg/L		12/30 - Twice Per Month GR - GRAB
				Sample											- The Literature gr			
00918 Calcium, total recoverable	1 - Effluent Gross	0		Permit Req									Req Mon 30DA AVG	3	Req Mon DAILY MX	19 - mg/L	C	02/30 - Twice Per Month GR - GRAB
				Value NOD Sample	01								C - No Discharge		C - No Discharge			
00921 Magnesium, total recoverable	1 - Effluent Gross	0		Permit Reg	j.								Req Mon 30DA AVG	3	Req Mon DAILY MX	19 - mg/L	C	02/30 - Twice Per Month GR - GRAB
				Value NOD	ol .								C - No Discharge		C - No Discharge			
				Sample														
00923 Sodium, total recoverable	1 - Effluent Gross	0		Permit Req Value NOD									Req Mon 30DA AVG	5	Req Mon DAILY MX C - No Discharge	19 - mg/L	C	02/30 - Twice Per Month GR - GRAB
				Sample									C 110 Diconargo		O 140 Discharge			
00931 Sodium adsorption ratio	P - See Comments	0		Permit Req	Į.								Req Mon 30DA AVG	3	Req Mon DAILY MX	1U - Ratio	C	02/30 - Twice Per Month GR - GRAB
				Value NOD	l l								C - No Discharge		C - No Discharge			
00978 Arsenic, total recoverable	1 - Effluent Gross	0		Sample Permit Req	1.							<=	100 30DA AVG			28 - ug/L	(02/30 - Twice Per Month GR - GRAB
				Value NOD									C - No Discharge					
				Sample														
00980 Iron, total recoverable	1 - Effluent Gross	0		Permit Req Value NOD								<=	3500 30DA AVG C - No Discharge	<=	7000 DAILY MX C - No Discharge	28 - ug/L	C	02/30 - Twice Per Month GR - GRAB
				Sample	1								C - No Discharge		C - No Discharge			
01303 Zinc, potentially dissolved	1 - Effluent Gross	0		Permit Req	ļ.							<=	428 30DA AVG	<=	564 DAILY MX	28 - ug/L	C	02/30 - Twice Per Month GR - GRAB
				Value NOD	I								C - No Discharge		C - No Discharge			
01306 Copper, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req								<=	29 30DA AVG	<=	50 DAILY MX	28 - ug/L		02/30 - Twice Per Month GR - GRAB
o rood copper, poterniany dissolved	Lindent Gross			Value NOD								\	C - No Discharge	\ <u>-</u>	C - No Discharge	ZO ug/L		2730 TWICE FOI WORKET CITY OF CITY
				Sample											Ü			
01313 Cadmium, potentially dissolvd	1 - Effluent Gross	0		Permit Req								<=	31 30DA AVG		Req Mon DAILY MX	28 - ug/L	C	02/30 - Twice Per Month GR - GRAB
				Value NOD Sample	1								C - No Discharge		C - No Discharge			
01318 Lead, potentially dissolvd	1 - Effluent Gross	0		Permit Req	j.							<=	40 30DA AVG		Req Mon DAILY MX	28 - ug/L	C	02/30 - Twice Per Month GR - GRAB
				Value NOD									C - No Discharge		C - No Discharge			
04222 Colonium materially discreted	1 E#I 0			Sample Parmit Base									254 2004 41/0		Dog Mer DAUVAN	20		22/20 Turing Day Marsh CD CDAD
01323 Selenium, potentially dissolvd	1 - Effluent Gross	0		Permit Req Value NOD								<=	254 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	∠o - ug/L		02/30 - Twice Per Month GR - GRAB

10 INST MAX

77/77 - Contingent

Sample

Permit Req.

1 - Effluent Gross 0

			Value NODI					C - No Discharge		
			Sample					C - No Discharge		
50050 Flour in ann duit an thru trac	transt plant 1 Efficient Cra	0		0.240.2004.40/0	Dog Man DAIL VIAV 02 MCD				02/30 - Twice Per M	landh INI INICTANI
50050 Flow, in conduit or thru trea	iment plant 1 - Elliuent Gro	SS 0	Permit Req. <=	0.216 30DA AVG	Req Mon DAILY MX 03 - MGD				02/30 - Twice Per iv	ionin in - ino i An
			Value NODI	C - No Discharge	C - No Discharge					
0.4000 0:1	4 5500000		Sample		Des Mes INICT MAY AD about Conset 4				04/07 - 1414	\/I \/(O) A
84066 Oil and grease visual	1 - Effluent Gro	ss 0	Permit Req.		Req Mon INST MAX AB - abst=0;prst=1				01/07 - Weekly	VI - VISUAL
			Value NODI		C - No Discharge					
Submission Note										
If a parameter row does no	contain any values for	the Sample nor Efflu	ent Trading, then none	e of the following fields	will be submitted for that row: Units, No	mber of Excursion	ns, Frequency of Analys	is, and Sample Type.		
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McClane Canyon Mining,	110									
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User: jimsto	ver			Da	te/Time:		2017-07-05 13:30 (ime Zone: -06:00)		
Name: Jim	Stover									
E-Mail: jestov	er@bresnan.net									

Permit																			
Permit #:	CO003834	2		P	ermittee	:		M	IcClane Canyo	on Minii	ng, LLC		Facility:			MCCLAN	E CANY	ON MINE	
Major:	No			P	ermittee	Addres	ss:		O. Box 98 oma, CO 8152	24			Facility L	ocation	n:	3148 HIG APPX 201 GARFIEL	MI N OF		
Permitted Feature:	002 External O	utfall		D	ischarge	e:			02-Q Quarterly Monit	oring fo	or 002A								
Report Dates & Status																			
Monitoring Period:	From 04/0	1/17 to 0	6/30/17	D	MR Due	Date:		0	7/28/17				Status:			NetDMR	Validate	ed	
Considerations for Form	n Completion			•								·							
Quarterly monitoring - see	I.C.29, pg 45.																		
Principal Executive Office	cer																		
First Name:				Т	itle:								Telephon	e:					
Last Name:												•							
No Data Indicator (NODI))			,															
Form NODI:																			
	Monitoring Location	Season #	Param. NODI				or Loadin	_				Quality or Co					# of Ex.	Frequency of Analysis	s Sample Type
Code Name				Sample	Qualifier 1	Value 1 C	Qualifier 2	Value 2	Units Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualif	ier 3	Value 3	Units			
50092 Mercury, total low level 1	- Effluent Gross	0		Permit Req.							<=	0.38 30DA GEO				28 - ug/L		01/90 - Quarterly	GR - GRAB
				Value NODI								C - No Discharge)						
70295 Solids, total dissolved 1	- Effluent Gross	0		Sample Permit Req.								Req Mon 30DA A	AVG	Reg	Mon DAILY I	MX 19 - mg/L		01/90 - Quarterly	GR - GRAB
				Value NODI								C - No Discharge			No Discharge			•	
Submission Note																			
If a parameter row does no	ot contain any va	lues for t	he Sample n	or Effluent	Trading, t	then nor	ne of the f	followir	ng fields will be	submi	tted for th	nat row: Units, I	Number o	f Excurs	ions, Frequ	uency of Ai	nalysis,	and Sample Type.	
Edit Check Errors																			
No errors.																			
Comments																			
Attachments																			
No attachments.																			
Report Last Saved By																			
McClane Canyon Mining								 .				0047.07		· -	7				
User: jimstove							Date	/Time:				2017-07-0	J5 13:30	(Time	Zone: -06:()()			
Name: Jim Ste																			
E-Mail: jestover	@bresnan.net																		

Permit														
Permit #:	CO0038	342			Permitte	e:		McClane Canyor	Mining, LLC		Facility:	MCCLANE CAN	YON MINE	
Major:	No				Permitte	e Address	:	P.O. Box 98 Loma, CO 81524			,	3148 HIGHWAY APPX 20MI N OF GARFIELD COU	F TOWN	
Permitted Feat	ure: 002 External	Outfall			Discharg	ge:		002-X Chroinic WET Te	sting for 002A					
Report Dates &	& Status													
Monitoring Per	riod: From 04	1/01/17 to 06	6/30/17		DMR Du	e Date:		07/28/17			Status:	NetDMR Validate	ed	
Considerations	s for Form Completion													
See I.D.2 for de	tails of test procedure. Rep	oort NOEC u	sing test code	"S". Re	port IC25 us	ing test cod	e "P". Sta	arting 1-1-18, report hig	hest number l	petween "P" and "S"	at "T" for each parameter. IWC=	100%.		
Principal Exec	utive Officer													
First Name:					Title:						Telephone:			
Last Name:											'			
No Data Indica	tor (NODI)				,									
Form NODI:														
	Parameter	Mon	nitoring Location	Season	# Param. NOD	I		Quantity or Loading			Quality or Concentration		of Ex. Frequency of Analysis	is Sample Type
Code	Name					Sample	Qualifier 1	1 Value 1 Qualifier 2 Value	2 Units Qualifier	· 1 Value 1	Qualifier 2 Value 2 Qualifier 3 Value 3	3 Units		
TKP3B Static Renev	wal 7 Day Chronic Ceriodaphnia	dubia P - S	See Comments	0		Permit Req.				Req Mon SINGSAMP		2G - tox chronic	01/90 - Quarterly	G3 - GRAB-3
						Value NODI				C - No Discharge				
TKP3B Static Benev	wal 7 Day Chronic Ceriodaphnia	dubia S - S	See Comments	0		Sample Permit Reg.				Req Mon MN VALUE		2G - tox chronic	01/90 - Quarterly	G3 - GRAB-3
TRI 3D Static Reflex	wai / Day Cilionic Cenodapiina	dubia 5-5	dee Comments	U		Value NODI				C - No Discharge		2G - tox critoriic	01/30 - Quarterly	OS - OKAB-S
						Sample								
TKP6C Static Renev	wal 7 Day Chronic Pimephales p	romelas P - S	See Comments	0		Permit Req. Value NODI				Req Mon SINGSAMP C - No Discharge		2G - tox chronic	01/90 - Quarterly	G3 - GRAB-3
						Sample				C - No Discharge				
TKP6C Static Renev	wal 7 Day Chronic Pimephales p	romelas S - S	See Comments	0		Permit Req.				Req Mon MN VALUE		2G - tox chronic	01/90 - Quarterly	G3 - GRAB-3
						Value NODI				C - No Discharge				
Submission No			0 1 5	,, . 		6.11								
	-	alues for the	Sample nor El	ffluent I	rading, then	none of the	following	g fields will be submitte	d for that row:	Units, Number of Ex	ccursions, Frequency of Analysis,	and Sample Typ	e.	
Edit Check Erre	ors													
No errors.														
Comments														
Attachments														
No attachments.	avad Dv													
Report Last Sa														
-	on Mining, LLC				1		D-4- /	The		0047.07	05 40:00 /Time 7-11 00:00)			
User:	jimstover						Date/	rime:		2017-07-0	05 13:30 (Time Zone: -06:00)			
Name:	Jim Stover													
E-Mail:	jestover@bresnan.net													

Permit																		
Permit #:	C	O0038342			Pe	ermittee:			McClane Canyor	n Mining	, LLC		Fa	acility:		MCCLA	NE CANY	ON MINE
Major:	N	lo			Pe	ermittee A	Address:		P.O. Box 98 Loma, CO 81524	4			Fa	acility Location	n:	3148 HIO APPX 20 GARFIE	MI N OF	
Permitted Feature:		04 xternal Outfall			Di	ischarge:			004-A Surface Runoff for	rom Hau	ıl Road							
Report Dates & Stat	tus																	
Monitoring Period:	F	rom 06/01/17 to	06/30/17	•	D	MR Due D	Date:		07/28/17				St	tatus:		NetDMR	Validate	ed
Considerations for I	Form Completion	on																
Total iron limits will be	e waived and set	tleable solids lim	its applie	d for <=10YR	R, 24HR pre	ecip event	; total iron limits	s will be w	vaived for >10YR,	24HR p	recip ever	nt - attach docu	ımentatio	n.				
Principal Executive	Officer																	
First Name:					Ti	itle:							Te	elephone:				
Last Name:													ı					
No Data Indicator (N	NODI)				'													
Form NODI:	<u></u>																	
Paramet	ter	Monitoring Location	n Season	# Param. NODI	ı		Qua	antity or Lo	pading				Qu	ality or Concentra	ation			# of Ex. Frequency of Analysis Sample Type
Code Na	me					Qualifier 1	Value 1	Qualifier 2	2 Value 2	Units	Qualifier 1	Value 1	Qualifier	2 Value 2	Qualifier	3 Value 3	Units	
00400 pH		1 - Effluent Gross	0		Sample Permit Req						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	02/30 - Twice Per Month GR - GRAB
00400 pi i		1 - Ellidelit Gloss	U	_	Value NOD						>=	C - No Discharge)		\=	C - No Discharge		02/30 - Twice Fel Month GR - GRAB
					Sample													
00530 Solids, total suspen	ded	1 - Effluent Gross	0		Permit Req Value NOD								<=		<=	70 MX 7D AV		02/30 - Twice Per Month GR - GRAB
					Sample	1								C - No Discharge	3	C - No Discharge		
00980 Iron, total recoverab	ole	1 - Effluent Gross	0		Permit Req								<=	3500 30DA AVG		7000 MX 7D AV	19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NOD	1								C - No Discharge	Э	C - No Discharge		
50050 Flow, in conduit or the	hru treatment plant	1 - Effluent Gross	0		Sample Permit Req	l. <=	0.216 30DA AVG		Reg Mon DAILY MX	03 - MGD)							02/30 - Twice Per Month IN - INSTAN
	, , , , , , , , , , , , , , , , , , ,				Value NOD		C - No Discharge		C - No Discharge									
Submission Note																		
If a parameter row do	es not contain a	ny values for the	Sample	nor Effluent T	rading, the	en none of	the following fi	elds will b	e submitted for th	at row: l	Jnits, Nun	nber of Excursi	ons, Fred	quency of Analy	sis, and S	ample Type.		
Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
No attachments.																		
Report Last Saved L	Ву																	
McClane Canyon Mi	ining, LLC																	
User: j	imstover						Da	te/Time:				2017	'-07-05 1	3:30 (Time Zo	ne: -06:0	0)		
	Jim Stover																	
	estover@bresna	n.net																

Permit																	
Permit #:		CO0038342			Pern	nittee:		McCl	ane Canyor	n Mining, I	LC	Facil	ity:	MC	CLANE	CANYON MINE	
Major:		No			Pern	nittee Address:			Box 98 a, CO 81524	L		Facil	ity Locatio	AP	PX 20M	HWAY 139 II N OF TOWN O COUNTY, CO 81524	
Permitted	d Feature:	004 External Outfall			Disc	harge:		004-0 Quar	ૂ terly Monito	ring for 00)4A						
Report D	ates & Status				·												
Monitorin	ng Period:	From 04/01/17 t	o 06/30	/17	DMR	R Due Date:		07/28	3/17			Statu	s:	Ne	tDMR V	'alidated	
Consider	rations for Form Co.	mpletion			,												
Quarterly	monitoring - see I.C.	29, pg 45.															
Principal	Executive Officer																
First Nam					Title	:						Telep	hone:				
Last Nam	ne:											, .					
	Indicator (NODI)																
Form NO																	
T OITH ITO	Parameter	Monitoring Location	Season	# Param. NODI		Quanti	ty or Loadin	q				Quality or Conce	entration			# of Ex. Frequency of Analysis	Sample Type
Code	Name	J				Qualifier 1 Value 1	-		Units Qualifie	r 1 Value 1	Qualifier 2		Qualifier 3	Value 3	Units		, ,,
00070 4	in total managements	4. 5#	0		Sample							D M 00D A AV6			00/	04/00 Overstank	OD ODAD
00978 Arsen	ic, total recoverable	1 - Effluent Gross	0		Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample							,					
01303 Zinc,	potentially dissolved	1 - Effluent Gross	0		Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB
					Value NODI Sample							C - No Discharge		C - No Discharge			
01306 Coppe	er, potentially dissolved	1 - Effluent Gross	0		Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
01212 Cadm	nium, potentially dissolvd	1 Effluent Gross	0		Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	29 μα/Ι	01/90 - Quarterly	GR - GRAB
01313 Caum	num, potentially dissolva	1 - Lindent Oloss	U		Value NODI							C - No Discharge		C - No Discharge	20 - ug/L	0 1/30 - Quarterly	OK - OKAD
					Sample							_		_			
01318 Lead,	potentially dissolvd	1 - Effluent Gross	0		Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB
					Value NODI Sample							C - No Discharge		C - No Discharge			
01323 Selen	ium, potentially dissolvd	1 - Effluent Gross	0		Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
Submiss																	
If a param	neter row does not co	ontain any values f	or the S	ample nor Eff	luent Tradi	ng, then none of	the followi	ng field	ds will be su	bmitted fo	r that row	r: Units, Number of	of Excursion	ns, Frequency of	Analysi	is, and Sample Type.	
Edit Ched	ck Errors																
No errors.																	
Commen	its																
Attachme	ents																
No attachme																	
Report La	ast Saved By																
McClane	Canyon Mining, LL	С															
User:	jimstover						Date/Tim	e:				2017-07-05 13	:30 (Time	e Zone: -06:00)			
Name:	Jim Stove	r															
E-Mail:	jestover@br	esnan.net															

Permit										
Permit #:	CO0038342		Permittee:	McClane Cany	on Mining, LLC	Fa	acility:	MCCLANE C	ANYON MINE	
Major:	No		Permittee Address:	P.O. Box 98 Loma, CO 815	524	Fa	acility Location:	3148 HIGHW APPX 20MI N GARFIELD C		
Permitted Feature:	004 External Outfall		Discharge:	004-S Semi-Annual N	Monitoring for 004A					
Report Dates & Status										
Monitoring Period:	From 01/01/17 to	06/30/17	DMR Due Date:	07/28/17		St	tatus:	NetDMR Vali	idated	
Considerations for Fo	rm Completion									
Principal Executive Of	ficer		1							
First Name:			Title:			Te	elephone:			
Last Name:										
No Data Indicator (NO	DI)									
Form NODI:										
Parameter Code Name	Monitoring Location Seas	on # Param. NODI		ty or Loading Qualifier 2 Value 2 Units 0	Qualifier 1 Value 1 Qualif	Quality or Con fier 2 Value			. Frequency of Analysis	Sample Type
50092 Mercury, total low level	1 - Effluent Gross 0	Per	ample mit Req.			Req Mon 30	DDA AVG	28 - ug/L	02/YR - Twice Per Year	GR - GRAB
Submission Note		val	ue NODI			C - No Disch	narge			
If a parameter row does	not contain any values t	for the Sample nor F	Effluent Trading, then no	one of the following field	ds will be submitted fo	or that row: Uni	its. Number of Excursion	s Frequency (of Analysis, and Samn	ole Type
Edit Check Errors	The contain any values i	ior the cample her t	indone ridding, thorrio	nie er trie renewing neie	30 Will be dublilitied le	or that row. On	its, realiser of Execution	o, i roquonoy c	or randryolo, and Camp	ю туро.
No errors.										
Comments										
Attachments No attachments.										
Report Last Saved By										
McClane Canyon Mini	ng, LLC									
User: jimstov	er			Date/Time:		2017-07-05	13:30 (Time Zone: -06	:00)		
Name: Jim S	Stover		,							
E-Mail: jestove	r@bresnan.net									

McClane Canyon Mining LLC

Water Sampling Report Dates: 06/26/17

Weather Conditions: Clear ~70-75 degrees F.

Second Quarter 2017 Sampled by: Jim Stover Meters Calibrated: Yes

		Surface	Water		
Sample	Time	Flow	рН	EC umhos/cm	Temp (C)
Point		(cfs)			40.0
SW-1	8:40 AM	0.20	8	3000	13.8
SW-2	9:10 AM	Dry		-	
SW-3	8:00 AM	Dry	-	-	-
SW-5	9:15 AM	Dry	_		/ши
SW-8	7:48 AM	Dry	-	-	-

Ground Water						
Sample Point	Time	SWL (feet)	рН	EC umhos/cm	Temp (C)	
GW-1	8:10 AM	11.9	7.5	5200	11.5	
GW-3	7:53 AM	31.9	7.0	4900	13.4	
GW-6	Sealed October 2016					
GW-9	9:00 AM	26.3	7.7	6000	14.3	

Location of Points/Wells

Location	T Gilles T T Gille
SW-1	East Salt Creek above McClane under haul road bridge
SW-2	McClane Creek at culvert below mine
SW-3	Munger Creek at haul road culvert below mine
SW-4	East Salt Creek ~2 miles downstream of SW-8
SW-5	McClane Creek above mine site at culvert inlet
SW-6	Munger Creek below mine before north split
SW-7	Munger Creek above Mine
SW-8	East Salt Creek between Munger and McClane Creeks at bridge
SW-X	McClane Creek at confluence with East Salt Creek
GW-1	Alluvium of East Salt Creek about 3 Miles above McClane - TD 14.3'
GW-3	Alluvium of East Salt Creek just below Munger Canyon - TD 47.3'
GW-6	In Munger Canyon at the permitted waste rock disposal area - TD 18.8'
	Sealed October 2016
GW-9	Alluvium of East Salt Creek south of McClane Office - TD 53.5
	The state of the s

		Feet
GW-1	Total Depth	14.0
GW-3	Total Depth	47.3
GW-6	Total Depth	18.8 Sealed October 2016
GW-9	Total Depth	53.5



QUARTERLY POND INSPECTION REPORT McClane Canyon Mining LLC Second 2017 Operator: Quarter: McClane Canyon Mine C-1980-004 Inspection Date: 26-Jun-17 Mine: Pond Identification Sediment Location Pond Status During Inspection: Approximate Water Level Dry Sediment (% total storage) 100% Outflow (cfs) 0 Features Problem Yes/No **Erosional** Rills & Gulleys No Inadequate Vegetation No **Outlet Channel Erosion** No Burrows No Other No Structural Differential Settling No Cracks or Slides No Seepage No Other No Appurtenant Structures **Defective Spillways** No **Dewatering Devices Clogged** No Faulty Gates, Etc. No Other No **Additional Comments** Invert of primary spillway is at elevation 5457.00. Invert of emergency spillway is at elevation 5462.00.

Maintenance Required:

Name of Inspector: Jim Stover

J. E. Stover ANA Colorado P. E. 19230 Date