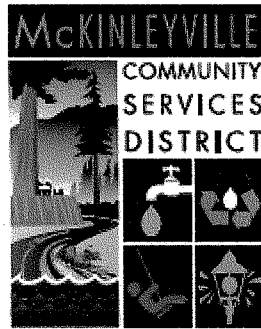


PHYSICAL ADDRESS:

1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

MAILING ADDRESS:

P.O. BOX 2037
McKINLEYVILLE, CA 95519



mckinleyvillecsd.com

MAIN OFFICE:

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

PHONE: (707) 839-9003
FAX: (707) 839-5964

R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

October 28, 2013

RE: MONTHLY MONITORING REPORT

Dear Lisa:

Enclosed is the Monthly Monitoring Report for September 2013 for McKinleyville Community Services District Wastewater Management Facilities WDID NO. 1B82084OHUM, operating under Order Number WQ 2011-0008-DWQ.

The normal discharge of effluent was 29 days discharge to reclamation M-004, 5, 6, & 7 and land disposal M-003. The required monitoring and water quality constituents that were tested and reported were in compliance in September.

The requirement for BOD is 45 mg/L monthly average and 65 % removal for the weekly average with four weekly tests in September that represent five criteria. The BOD results for September are in compliance.

The requirement for TSS is 83 mg/L monthly average with four weekly tests in September which represent one criteria. The TSS results for September are in compliance.

The requirement for Nitrate as Nitrogen in the effluent is a monthly average of 10 mg/L. One test was conducted in September and was in compliance.

Total Coliform Organisms MPN/100 ml. The Monthly Median not to exceed MPN of 23 and the daily maximum not to exceed MPN of 230. The reported results for the month of September are as follows. Median was <1.8 and a Maximum of <1.8. Five samples were collected in the month of September and were in compliance.

Monthly River Monitoring was conducted in September.

SEPTEMBER 2013

Discharge	001			002		003		004		005		006		007		008		009		010		011		012		013		014		015		016		017		018		019		020		021		022		023		024		025		026		027		028		029		030		031		032		033		034		035		036		037		038		039		040		041		042		043		044		045		046		047		048		049		050		051		052		053		054		055		056		057		058		059		060		061		062		063		064		065		066		067		068		069		070		071		072		073		074		075		076		077		078		079		080		081		082		083		084		085		086		087		088		089		090		091		092		093		094		095		096		097		098		099		100		101		102		103		104		105		106		107		108		109		110		111		112		113		114		115		116		117		118		119		120		121		122		123		124		125		126		127		128		129		130		131		132		133		134		135		136		137		138		139		140		141		142		143		144		145		146		147		148		149		150		151		152		153		154		155		156		157		158		159		160		161		162		163		164		165		166		167		168		169		170		171		172		173		174		175		176		177		178		179		180		181		182		183		184		185		186		187		188		189		190		191		192		193		194		195		196		197		198		199		200		201		202		203		204		205		206		207		208		209		210		211		212		213		214		215		216		217		218		219		220		221		222		223		224		225		226		227		228		229		230		231		232		233		234		235		236		237		238		239		240		241		242		243		244		245		246		247		248		249		250		251		252		253		254		255		256		257		258		259		260		261		262		263		264		265		266		267		268		269		270		271		272		273		274		275		276		277		278		279		280		281		282		283		284		285		286		287		288		289		290		291		292		293		294		295		296		297		298		299		300		301		302		303		304		305		306		307		308		309		310		311		312		313		314		315		316		317		318		319		320		321		322		323		324		325		326		327		328		329		330		331		332		333		334		335		336		337		338		339		340		341		342		343		344		345		346		347		348		349		350		351		352		353		354		355		356		357		358		359		360		361		362		363		364		365		366		367		368		369		370		37	
-----------	-----	--	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	----	--

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

MONTH: SEPTEMBER

YEAR: 2013

		INFLUENT FLOW		EFFLUENT FLOW		EFFLUENT MAXIMUM		RIVER CFS		INFLUENT MONITORING		EFFLUENT MONITORING		SETTLABLE SOLIDS		3X5 TOTAL COLIFORM		
DATE	M.G.D.	M.G.D.	M.G.D.	GPW	CFS	B.O.D. mg/L	N.F.R. mg/L			pH	(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL ₂ RES.	RIVER CL ₂ RES		
1	0.889	0.548	0.541	387														
2	0.935	0.541	0.541	383														
3	0.875	0.868	0.868	1348						6.7	20.2			32	2.5		<1.8	
4	0.872	0.968	0.968	966						6.7	19.8			28	2.6			
5	0.884	0.815	0.815	766						6.8	19.7			32	3.7			
6	0.888	0.806	0.806	680		250	200			6.9	19.7	18	10	34	4		<0.1	
7	0.923	0.727	0.727	513														
8	0.935	0.720	0.720	505														
9	0.843	0.341	0.341	652						6.7	19.4			34	4.4		<1.8	
10	0.800	0.000	0.000	0						Washed CCB								
11	0.809	0.677	0.677	1049						6.6	19.1			30	7.3			
12	0.799	1.145	1.145	1068						6.7	19.2			32	1.4			
13	0.787	0.917	0.917	864		200	230			6.7	19.3	14	10	32	3.7		<0.1	
14	0.839	0.890	0.890	628														
15	0.890	0.881	0.881	625														
16	0.832	0.954	0.954	1012						6.9	18.8			32	4.8		<1.8	
17	0.805	1.164	1.164	1028						6.8	18.9			28	3.9			
18	0.816	1.066	1.066	920						6.9	18.6			32	3.4			
19	0.813	1.037	1.037	1105						6.8	18.1			34	4.2			
20	0.818	0.844	0.844	986		240	240			6.8	17.8	19	12	36	5		<0.1	
21	0.841	0.613	0.613	432														
22	0.886	0.614	0.614	432														
23	0.829	0.808	0.808	988						6.9	18.3			34	5.5		<1.8	
24	0.805	1.014	1.014	1061						6.9	17.9			34	1.2			
25	0.824	1.025	1.025	1038						6.9	17.7			32	2.8			
26	0.821	1.033	1.033	1029						6.9	17.2			32	2.4			
27	0.812	0.789	0.789	1014		210	54			6.9	16.6	14	13	34	2.9		<0.1	
28	0.822	0.469	0.469	331														
29	1.004	0.471	0.471	332														
30	0.943	0.781	0.781	1036						6.8	17.3			28	3.8		<1.8	
31																		

SPILLS:

None to report

DATE	TDS	AMMONIA	NITRATE	BORON
9/4/2013	340	27.0	ND	340

30 DAY AVERAGE

BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L	NFR LBS/DAY	NFR % Removal
16	113	83	11	78	90

Semi-Annual Tests		Value in ug/l
Bis Phthalate		N/A
alpb-BHC		N/A
4,4'-DDT		N/A
carbon tetrachloride		N/A

Quarterly Tests		Value in ug/l
Dichlorobromomethane		N/A
Bromform		N/A
Chlorobromomethane		N/A
Chloroform		N/A

ACUTE TOXICITY		% Survival
DATE		
Rainbow Trout		N/A
C. dubia		N/A

CHRONIC TOXICITY		SURVIVAL
TESTED		
Milfnov		N/A
C. Dubia		N/A
Algae		N/A

SIGNATURE: _____

REMARKS: Indicates Permit Exceedance

Total Coliform
Monthly
MEDIAN
<1.8
Daily
Maximum
<1.8