

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
EFFLUENT DISCHARGE DISPOSAL TOTALS 2008

DATE	M-001 EFFLUENT MG	M-005 FISCHER UPPER MG	M-004 FISCHER LOWER MG	M-007 PIALORSI MG	M-006 HILLER MG	IRRIGATE TOTAL MG	M-002 RIVER MG	Upper Fisher Ranch			Lower Fisher Ranch			Pialorsi Ranch Ammonia Loading lbs/mo
								Ammonia Loading tons/mo	Ammonia Loading lbs/mo	Ammonia Loading lbs/mo	Ammonia Loading lbs/mo	Ammonia Loading lbs/mo	Ammonia Loading lbs/mo	
JANUARY	41.8	0.0	0.0	0.0	0.0	0.0	41.8	4.82	0	0	0	0	0	0
FEBRUARY	45.9	0.0	0.0	0.0	0.0	0.0	45.9	5.31	0	0	0	0	0	0
MARCH	34.4	0.0	0.0	0.0	0.0	0.0	34.4	3.77	0	0	0	0	0	0
APRIL	33.3	0.0	0.0	0.0	0.0	0.0	33.3	3.58	0	0	0	0	0	0
MAY	20.9	0.0	0.6	1.2	0.2	2.0	13.0	2.26	0	134	56	257	958	257
JUNE	18.4	6.7	0.3	4.9	0.5	12.3	0.0	1.79	1301	377	427	788	764	788
JULY	23.6	10.4	2.0	4.2	1.1	17.7	0.0	2.23	1964	2689	533	843	721	843
AUGUST	29.1	14.8	2.3	4.2	0.0	21.3	0.0	2.65	2006	3236	130	389	321	389
SEPTEMBER	22.7	9.2	2.5	3.9	1.2	16.7	0.0	2.47	3236	4468	0	0	0	0
OCTOBER	26.2	15.0	0.6	3.4	0.7	19.7	0.0	2.82	2676	0	0	0	0	0
NOVEMBER	32.0	21.7	0.0	1.9	1.4	25.0	0.0	3.30	0	0	0	0	0	0
DECEMBER	33.6	12.6	0.0	1.5	1.1	15.3	12.6	3.56	18341	1656	45	37	144	144
Totals	362.0	90.4	8.3	25.1	6.2	130.0	181.1	TOTAL	ACRES	LBS/ ACRE				
% EFFLUENT =		25%	2%	7%	2%									

AGRONOMIC RATE = 170 lb/acre 385% 22% 85%

NECESSARY ACREAGE = 147 ACRES

EXISTING ACREAGE = 108

EXISTING ACREAGE MEETING TARGET = 73%

TOTALS 2009

NECESSARY ACREAGE =	183 acres
EXISTING ACREAGE =	108
EXISTING ACREAGE MEETING TARGET =	59%

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
EFFLUENT DISCHARGE DISPOSAL TOTALS 2010

DATE	M-001 EFFLUENT MG	M-005 FISCHER UPPER MG	M-004 FISCHER LOWER MG	M-007 PIALORSI MG	M-006 HILLER MG	IRRIGATE TOTAL MG	M-002 RIVER MG	Ammonia Loading tons/mo	Average Monthly TKN Loading (tons/mo)	Calculated		Upper Fisher		Lower Fisher		Pialorsi Ranch	
										Organic N	Loading	TKN	Loading	TKN	Loading	TKN	Loading
								(tons/mo)	(tons/mo)	(tons/mo)	(tons/mo)	(lbs/mo)	(lbs/mo)	(lbs/mo)	(lbs/mo)		
JANUARY	40.1	0.0	0.0	0.0	0.0	0.0	40.1	4.78	6.90	2.12	2.12	0	0	0	0	0	0
FEBRUARY	35.7	0.0	0.0	0.0	0.0	0.0	35.7	4.63	5.74	1.11	1.11	0	0	0	0	0	0
MARCH	40.3	0.0	0.0	0.0	0.0	0.0	40.3	4.82	5.34	0.52	0.52	0	0	0	0	0	0
APRIL	38.5	0.0	0.0	0.0	0.0	0.0	38.5	4.42	5.30	0.88	0.88	0	0	0	0	0	0
MAY	38.4	12.0	0.0	0.0	2.7	14.7	20.3	4.52	5.29	0.77	0.77	3305	0	0	0	0	0
JUNE	32.8	21.8	0.0	1.0	3.4	26.3	0.0	3.66	4.96	1.30	1.30	6587	0	0	0	316	0
JULY	26.9	14.1	0.0	3.3	1.5	18.9	0.0	2.57	3.37	0.79	0.79	3518	0	0	0	822	0
AUGUST	24.7	13.3	0.0	3.6	1.5	18.4	0.0	2.35	3.04	0.69	0.69	3275	0	0	0	883	0
SEPTEMBER	29.0	15.4	0.0	3.9	2.7	22.0	0.0	2.04	3.23	1.20	1.20	3432	0	0	0	877	0
OCTOBER	31.2	17.4	0.0	2.5	1.9	21.8	0.0	3.73	5.34	1.61	1.61	5941	0	0	0	862	0
NOVEMBER	32.8	17.7	0.0	3.4	2.2	23.3	0.0	4.57	5.41	0.84	0.84	5850	0	0	0	1111	0
DECEMBER	43.7	0.4	0.0	0.0	0.0	0.4	43.2	5.87	6.81	0.94	0.94	127	0	0	0	0	0
Totals	414.1	112.0	0.0	17.7	16.0	145.8	218.1			TOTAL		32036		0		4872	
% EFFLUENT =		27%	0%	4%	4%					ACRES		28		45		35	
										LBS/ACRE		1144		0		139	

AGRONOMIC RATE = 170 lb/acre 673% 0% 82%

NECESSARY ACREAGE = 217 acres

EXISTING ACREAGE = 108

EXISTING ACREAGE MEETING TARGET = 50%