

# Appendix J

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Combined Influent Suspended Solid Concentration Data from current  
WwTF

Chipman Wastewater Treatment Facility

Total Daily Suspended Solids - 2010 (as obtained from Chipman Operation Staff)

2010 - Influent SS Concentration - mg/L

Month	J	F	M	A	M	J	J	A	S	O	N	D
Day												
1										201	113	
2											152	119
3												136
4										148	122	
5										120		
6										207		
7												161
8										148		69
9											63	83
10											84	57
11												
12											68	
13										168		201
14										176		284
15										132		46
16											77	
17											97	
18											68	
19										186	47	
20										279		77
21										344		81
22										126	68	67
23											72	53
24											57	
25										179	81	
26												
27										231		
28												
29										129	91	93
30											113	112
31												82
<b>Monthly Avg. Day</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>185</b>	<b>86</b>	<b>108</b>
<b>Monthly Max. Day</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>344</b>	<b>152</b>	<b>284</b>
<b>Monthly Min. Day</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120</b>	<b>47</b>	<b>46</b>
<b>Annual Avg. Day</b>	<b>125</b>	- Average of all daily measurements										
<b>Annual Max. Day</b>	<b>344</b>	- Single maximum day measured										
<b>Annual Min. Day</b>	<b>46</b>	- Single minimum day measured										

Chipman Wastewater Treatment Facility

Total Daily Suspended Solids - 2011 (as obtained from Chipman Operation Staff)

2011 - Influent SS Concentration - mg/L

Month	J	F	M	A	M	J	J	A	S	O	N	D
Day												
1		176		83		79			51		229	
2		143	163		131	84		46			214	97
3		189	183		145			64			348	
4			158	83	162		76	54			197	
5	118						49	51		245		138
6	92			90			48		73	263		89
7	145	137		69		82	88		67	237	167	117
8		194	179			119	55		55		198	
9			48			74		35	87		143	
10		163	87			86		49			173	
11	167	186	90	63	67		32	28		206		
12	243			127	89		57	127		224		92
13	279			57	57		72		127	187		113
14	141		94			114	45		114	173		
15		207	71			129						88
16		200			76	146		53	104		96	94
17			80		38	206		65		189	89	
18	121	190	67	87	78			67		164	113	
19	133			97	123		51	21	128	193		107
20	131			49		65	84		166			92
21	170	195		59		83	47		184	172	153	61
22		265	129			68	57	87			112	87
23			145					117	137		125	
24	200	217	69		58	93						
25	237	239			62		116	67		214	155	
26				71	57		94	86	134	178		
27	117			57	43	13	71		158			
28	121			72		41	41		143	196	126	113
29			103	65			43				86	86
30			61		76			32				61
31			97		83			42				
<b>Monthly Avg. Day</b>	<b>161</b>	<b>193</b>	<b>107</b>	<b>75</b>	<b>84</b>	<b>93</b>	<b>63</b>	<b>61</b>	<b>115</b>	<b>203</b>	<b>160</b>	<b>96</b>
<b>Monthly Max. Day</b>	279	265	183	127	162	206	116	127	184	263	348	138
<b>Monthly Min. Day</b>	92	137	48	49	38	13	32	21	51	164	86	61
<b>Annual Avg. Day</b>	<b>115</b>	- Average of all daily measurements										
<b>Annual Max. Day</b>	<b>348</b>	- Single maximum day measured										
<b>Annual Min. Day</b>	<b>13</b>	- Single minimum day measured										

Chipman Wastewater Treatment Facility

Total Daily Suspended Solids - 2012 (as obtained from Chipman Operation Staff)

2012 - Influent SS Concentration - mg/L

Month	J	F	M	A	M	J	J	A	S	O	N	D
Day												
1		104										
2		83	160	83	87							
3				75	94							
4	122			61	78							
5	103		113	98								
6	138		122									
7		254	154		147							
8		168	118		208							
9	72	179			146							
10	127	168		117								
11	101			99	84							
12				47								
13	83											
14		152	8		73							
15		163	74									
16		174	68	112								
17		198		81	69							
18	168			86	88							
19	150			97								
20	137	147										
21			53									
22		178	49		76							
23	94		46	114	96							
24		168		82	68							
25	76			117	104							
26	137		51	73								
27	105	174	70									
28			63		197							
29		142										
30			34		144							
31	134											
<b>Monthly Avg. Day</b>	<b>116</b>	<b>163</b>	<b>79</b>	<b>89</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Monthly Max. Day</b>	168	254	160	117	208	0	0	0	0	0	0	0
<b>Monthly Min. Day</b>	72	83	8	47	68	0	0	0	0	0	0	0
<b>Annual Avg. Day</b>	<b>112</b>	- Average of all daily measurements										
<b>Annual Max. Day</b>	<b>254</b>	- Single maximum day measured										
<b>Annual Min. Day</b>	<b>8</b>	- Single minimum day measured										

Chipman Wastewater Treatment Facility

Total Daily Suspended Solids - 2013 (as obtained from Chipman Operation Staff)

2013 - Influent SS Concentration - mg/L

Month	J	F	M	A	M	J	J	A	S	O	N	D
Day												
1										71		
2										61		193
3												186
4										83		
5											153	143
6												
7										79	172	
8										53	115	
9										65		107
10												88
11												113
12											124	
13											108	
14												
15										81	116	
16										87		91
17												86
18										106	93	78
19											43	
20												
21											58	
22												
23										127		65
24										148		57
25										104	92	
26											73	
27												73
28										158		
29											211	
30										193		
31										213		
<b>Monthly Avg. Day</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109</b>	<b>113</b>	<b>107</b>
<b>Monthly Max. Day</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>213</b>	<b>211</b>	<b>193</b>
<b>Monthly Min. Day</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>53</b>	<b>43</b>	<b>57</b>
<b>Annual Avg. Day</b>	<b>109</b>	- Average of all daily measurements										
<b>Annual Max. Day</b>	<b>213</b>	- Single maximum day measured										
<b>Annual Min. Day</b>	<b>43</b>	- Single minimum day measured										

Chipman Wastewater Treatment Facility

Total Daily Suspended Solids - 2014 (as obtained from Chipman Operation Staff)

2014 - Influent SS Concentration - mg/L

Month	J	F	M	A	M	J	J	A	S	O	N	D
Day												
1					20					176		
2	53					64				183		67
3	58											79
4						83					64	88
5											63	
6					32	57						
7	68				38						166	
8					27					197		96
9	78					51				206		68
10	55					64				196		
11												74
12					26						79	
13	84				13	73					77	
14	70									217	65	
15					60							83
16										242		58
17	43					65				192	81	
18											75	73
19						58					69	
20	31				68	51				206		
21	27				53					137		
22										164		106
23	45				58							67
24						252					72	84
25						160					67	
26						164					59	
27												
28					61							
29	73				79							52
30	86				99							81
31												59
<b>Monthly Avg. Day</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>192</b>	<b>78</b>	<b>76</b>
<b>Monthly Max. Day</b>	<b>86</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99</b>	<b>252</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>242</b>	<b>166</b>	<b>106</b>
<b>Monthly Min. Day</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>51</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>137</b>	<b>59</b>	<b>52</b>
<b>Annual Avg. Day</b>	<b>89</b>	- Average of all daily measurements										
<b>Annual Max. Day</b>	<b>252</b>	- Single maximum day measured										
<b>Annual Min. Day</b>	<b>13</b>	- Single minimum day measured										

Chipman Wastewater Treatment Facility

Total Daily Suspended Solids - 2015 (as obtained from Chipman Operation Staff)

2015 - Influent SS Concentration - mg/L

Month	J	F	M	A	M	J	J	A	S	O	N	D
Day 1				147	84				129			73
2		107				78	119		138		73	
3			89			64	116				103	87
4		96			68	85		253	176			
5	78	86	106		65					19	93	
6	81		93					238		96		
7				127	62		134	242		32		64
8	93			113			111		144			91
9			63	136					163		73	83
10		52				67	96				67	
11		55	56		57	57		163	138			
12		69	79		86	83		147			83	
13	54							176		85		
14	71						147		146	63		91
15				49	109	116	158		131	58		78
16	84			58		93					58	86
17		79	93	42		127	166		158		65	
18		64	89					86				
19	52	73			72			57		84	154	
20			73	46	79		240	67		69		
21				42	86				116			109
22	78			38		116	167		153	104		86
23	108	118				96			174		81	78
24			86				78	48			64	
25		97	103		94	107						
26	114	112	91		81					113	75	
27	96			54			117	68				
28							93	76	138	92		
29	88			48	107	113			163	117		112
30			93				139				64	83
31			124					79				67
<b>Monthly Avg. Day</b>	<b>83</b>	<b>84</b>	<b>88</b>	<b>75</b>	<b>81</b>	<b>92</b>	<b>134</b>	<b>131</b>	<b>148</b>	<b>78</b>	<b>81</b>	<b>85</b>
<b>Monthly Max. Day</b>	114	118	124	147	109	127	240	253	176	117	154	112
<b>Monthly Min. Day</b>	52	52	56	38	57	57	78	48	116	19	58	64
<b>Annual Avg. Day</b>	<b>98</b>	- Average of all daily measurements										
<b>Annual Max. Day</b>	<b>253</b>	- Single maximum day measured										
<b>Annual Min. Day</b>	<b>19</b>	- Single minimum day measured										

Chipman Wastewater Treatment Facility

Total Daily Suspended Solids - 2016 (as obtained from Chipman Operation Staff)

2016 - Influent SS Concentration - mg/L

Month	J	F	M	A	M	J	J	A	S	O	N	D
Day												
1			58	53		124			121		172	
2					103	107		132			187	
3		86	81					107			194	
4		75		81			117					
5	81	81		94	98		96	93		336		
6					113	134	104		193	314		
7	91			86		116				294	123	108
8	89	93	66			93		126	167		108	93
9			77					109	184			117
10		83	74					128			138	
11		73			120		73			218		
12	98			122	134		92		193			123
13	107			96	126	119	107			193		148
14	92		86	79		44			147	207	173	
15			78			77		87	163			168
16					152			74			117	
17		55	96					93		289	145	
18	101	59			94		102			261		
19		68		88	55		124			198		
20	96			107		94			136			274
21	87		98	93		83	62		152			181
22		74				106						140
23		68	103					136	194		126	
24		73	116					80			138	
25	108			113	143		76			123	124	
26	93			87	138		93	108	178	109		
27				97	123	124			206			
28	113					88	106		154	135	96	93
29		30	78			93		118			107	80
30								134			123	77
31			66									
<b>Monthly Avg. Day</b>	<b>96</b>	<b>71</b>	<b>83</b>	<b>92</b>	<b>117</b>	<b>100</b>	<b>96</b>	<b>109</b>	<b>168</b>	<b>223</b>	<b>138</b>	<b>134</b>
<b>Monthly Max. Day</b>	113	93	116	122	152	134	124	136	206	336	194	274
<b>Monthly Min. Day</b>	81	30	58	53	55	44	62	74	121	109	96	77
<b>Annual Avg. Day</b>	<b>118</b>	- Average of all daily measurements										
<b>Annual Max. Day</b>	<b>336</b>	- Single maximum day measured										
<b>Annual Min. Day</b>	<b>30</b>	- Single minimum day measured										