

SPECIAL CONDITION

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

SCREENING LEVEL - Beginning 24 months prior to permit expiration and lasting through 12 months prior to permit expiration (Year 4 of the term of the permit) and every five years thereafter if a timely request for renewal has been made and the permit continues in force, or is replaced by a permit renewal containing this requirement, the discharge shall be limited and monitored as follows:

Effluent Characteristic	Discharge Limitations			Monitoring Requirements		
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	Measurement Frequency	Sample Type
Whole Effluent Toxicity ⁽²⁾	---	---	---	---	---	---
Acute - NOEL Ceriodaphnia dubia (Water flea) (TDA66) Salvelinus fontinalis (Brook trout) (TDA67)	---	---	---	Report % (23) Report % (23)	1/Year (01/YY) 1/Year (01/YY)	24-Hour Composite (24)
Chronic - NOEL Ceriodaphnia dubia (Water flea) (TDA66) Salvelinus fontinalis (Brook trout) (TDA67)	---	---	---	Report % (23) Report % (23)	1/Year (01/YY) 1/Year (01/YY)	24-Hour Composite (24)
Analytical chemistry ⁽³⁵⁾ (S1477)	---	---	---	Report ug/L (28)	1/Quarter (01/99)	24-Hour Composite/ Grab (24)
Priority Pollutants ⁽⁴⁵⁾ (50008)	---	---	---	Report ug/L (28)	1/Year (01/YY)	24-Hour Composite/ Grab (24)

OCT. '16

MFGR LLC.							
Outfall 001 Discharge							
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH	Discharge Temp
10/01/16	0.034						
10/02/16	0.118						
10/03/16	0.121						
10/04/16	0.084						
10/05/16	0.068	24	4.1	13.578984	2.3197431	8.19	67.2
10/06/16	0.058						
10/07/16	0.101						
10/08/16	0.036						
10/09/16	0.000						
10/10/16	0.000						
10/11/16	0.000						
10/12/16	0.000						
10/13/16	0.000						
10/14/16	0.000						
01/00/00	0.000						
10/16/16	0.000						
10/17/16	0.000						
10/18/16	0.000						
10/19/16	0.000						
10/20/16	0.000						
10/21/16	0.000						
10/22/16	0.000						
10/23/16	0.000						
10/24/16	0.000						
10/25/16	0.000						
10/26/16	0.000						
10/27/16	0.000						
10/28/16	0.000						
10/29/16	0.000						
10/30/16	0.000						
10/31/16	0.000						
Avg	0.020	24	4	14	2	8.19	67
Min						8.19	
Max	0.121	24	4	14	2	8.19	67.2

Nov. '16

MFGR LLC.						
Outfall 001 Discharge						
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH
11/01/16	0.000					
11/02/16	0.000					
11/03/16	0.000					
11/04/16	0.000					
11/05/16	0.000					
11/06/16	0.000					
11/07/16	0.000					
11/08/16	0.000					
11/09/16	0.000					
11/10/16	0.000					
11/11/16	0.000					
11/12/16	0.000					
11/13/16	0.000					
11/14/16	0.000					
11/15/16	0.275	18	44	41	101	8.2
11/16/16	1.263					
11/17/16	0.062					
11/18/16	0.274					
11/19/16	0.079					
11/20/16	0.077					
11/21/16	0.078					
11/22/16	0.109	16	28.4	15	26	8.2
11/23/16	0.079					
11/24/16	1.087					
11/25/16	0.065					
11/26/16	0.030					
11/27/16	0.147					
11/28/16	0.505					
11/29/16	0.345	16	37	46	106	8.21
11/30/16	0.273					
Avg	0.158	17	36	34	78	8.20
Min						8.20
Max	1.263	18	44	46	106	8.21
Total	4.748					

Dec. '16

MFGR LLC.						
Outfall 001 Discharge						
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH
12/01/16	0.345					
12/02/16	0.182					
12/03/16	0.098					
12/04/16	0.123					
12/05/16	0.145					
12/06/16	0.193					
12/07/16	0.140	15	34.4	18	40	8.15
12/08/16	0.124					
12/09/16	0.087					
12/10/16	0.061					
12/11/16	0.119					
12/12/16	0.080					
12/13/16	0.088					
12/14/16	0.106	16	25	14	22	8.19
12/15/16	0.136					
12/16/16	0.025					
12/17/16	0.025					
12/18/16	0.073					
12/19/16	0.084					
12/20/16	0.084					
12/21/16	0.066	25	38	14	21	8.21
12/22/16	0.078					
12/23/16	0.042					
12/24/16	0.017					
12/25/16	0.050					
12/26/16	0.140					
12/27/16	0.182					
12/28/16	0.086	35	27	25	19	8.17
12/29/16	0.100					
12/30/16	0.130					
12/31/16	0.031					
Avg	0.105	23	31	18	26	8.18
Min						8.15
Max	0.345	35	38	25	40	8.21
Total	3.240					

Jan. '17

MFGR LLC.						
Outfall 001 Discharge						
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH
01/01/17	0.091					
01/02/17	0.103					
01/03/17	0.143					
01/04/17	0.170	49	32.6	69.4	46.2	8.17
01/05/17	0.095					
01/06/17	0.066					
01/07/17	0.032					
01/08/17	0.017					
01/09/17	0.077					
01/10/17	0.104					
01/11/17	0.331	44	30.6	121.5	84.5	8.21
01/12/17	0.376					
01/13/17	0.110					
01/14/17	0.065					
01/15/17	0.066					
01/16/17	0.142					
01/17/17	0.086					
01/18/17	0.074	45	31	27.8	19.1	8.20
01/19/17	0.061					
01/20/17	0.069					
01/21/17	0.000					
01/22/17	0.070					
01/23/17	0.078					
01/24/17	0.255					
01/25/17	0.216	51	41	91.9	73.9	8.10
01/26/17	0.097					
01/27/17	0.073					
01/28/17	0.070					
01/29/17	0.069					
01/30/17	0.073					
01/31/17	0.074					
Avg	0.1	47.3	33.8	77.7	55.9	8.17
Min						8.10
Max	0.376	51	41	121.5	84.52	8.21
Total	3.3539					

Feb. '17

MFGR LLC.						
Outfall 001 Discharge						
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH
02/01/17	0.256	47	47.4	100	101	8.25
02/02/17	0.077					
02/03/17	0.040					
02/04/17	0.037					
02/05/17	0.035					
02/06/17	0.075					
02/07/17	0.153					
02/08/17	0.194	45	48.8	73	79	8.22
02/09/17	0.000					
02/10/17	0.036					
02/11/17	0.037					
02/12/17	0.038					
02/13/17	0.000					
02/14/17	0.032	37	41.6	10	11	8.19
02/15/17	0.073					
02/16/17	0.074					
02/17/17	0.039					
02/18/17	0.040					
02/19/17	0.078					
02/20/17	0.076					
02/21/17	0.077					
02/22/17	0.227	48	62	91	117	8.15
02/23/17	0.115					
02/24/17	0.112					
02/25/17	0.000					
02/26/17	0.054					
02/27/17	0.133					
02/28/17	0.150					
Avg	0.081	44	50	69	77	8.20
Min						8.15
Max	0.256	48	62	100	117	8.25
Total	2.258					

Mar. '17

MFGR LLC.						
Outfall 001 Discharge						
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH
03/01/17	0.470	47	52.4	184	206	8.16
03/02/17	0.233					
03/03/17	0.111					
03/04/17	0.037					
03/05/17	0.078					
03/06/17	0.080					
03/07/17	0.081					
03/08/17	0.167	49	68.8	68	96	8.13
03/09/17	0.116					
03/10/17	0.040					
03/11/17	0.039					
03/12/17	0.035					
03/13/17	0.074					
03/14/17	0.040					
03/15/17	0.079	44	55.4	29	37	8.21
03/16/17	0.040					
03/17/17	0.040					
03/18/17	0.038					
03/19/17	0.000					
03/20/17	0.114					
03/21/17	0.114					
03/22/17	0.148	45	64.2	56	79	8.16
03/23/17	0.076					
03/24/17	0.040					
03/25/17	0.038					
03/26/17	0.073					
03/27/17	0.310					
03/28/17	0.316					
03/29/17	0.157	47	57.8	62	76	8.11
03/30/17	0.074					
03/31/17	0.117					
Avg	0.109	46.4	59.7	79.8	98.6	8.2
Min						8.11
Max		49	68.8	184	206	8.21

Apr '17

MFGR LLC.						
Outfall 001 Discharge						
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH
04/01/17	0.038					
04/02/17	0.092					
04/03/17	0.078					
04/04/17	0.081					
04/05/17	0.153	44	62.8	56.18	80.18	8.10
04/06/17	0.125					
04/07/17	0.157					
04/08/17	0.073					
04/09/17	0.049					
04/10/17	0.105					
04/11/17	0.069					
04/12/17	0.079	29	44.8	19.12	29.53	8.13
04/13/17	0.100					
04/14/17	0.059					
04/15/17	0.075					
04/16/17	0.073					
04/17/17	0.117					
04/18/17	0.116					
04/19/17	0.111	31	34.2	28.72	31.68	8.10
04/20/17	0.077					
04/21/17	0.080					
04/22/17	0.046					
04/23/17	0.066					
04/24/17	0.115					
04/25/17	0.080					
04/26/17	0.154	23	38.4	29.56	49.35	8.16
04/27/17	0.074					
04/28/17	0.077					
04/29/17	0.038					
04/30/17	0.075					
Avg	0.088	31.8	45.1	33.4	47.7	8.12
Min	0.038					8.10
Max	0.157	44	62.8	56	80	8.16

May '17

MFGR LLC.						
Outfall 001 Discharge						
	Discharge Flow MGD	Discharge BOD mg/l	Discharge TSS mg/l	Discharge BOD lb/d	Discharge TSS lb/d	Discharge PH
05/01/17	0.122					
05/02/17	0.221					
05/03/17	0.114	33	22.6	31.39	21.50	8.13
05/04/17	0.077					
05/05/17	0.127					
05/06/17	0.088					
05/07/17	0.095					
05/08/17	0.118					
05/09/17	0.116					
05/10/17	0.118	39	24.4	38.40	24.03	8.14
05/11/17	0.079					
05/12/17	0.122					
05/13/17	0.038					
05/14/17	0.215					
05/15/17	0.252					
05/16/17	0.185	51	25	78.74	38.60	8.04
05/17/17	0.119					
05/18/17	0.078					
05/19/17	0.076					
05/20/17	0.036					
05/21/17	0.031					
05/22/17	0.077					
05/23/17	0.122					
05/24/17	0.079	108	33	71.20	21.76	8.05
05/25/17	0.246					
05/26/17	0.081					
05/27/17	0.054					
05/28/17	0.042					
05/29/17	0.077					
05/30/17	0.026					
05/31/17	0.090	89	13	66.84	9.76	8.05
Avg	0.107	64	23.6	57.3	23.1	8.08
Min	0.026					8.04
Max	0.252	108	33.0	78.7	38.6	8.14