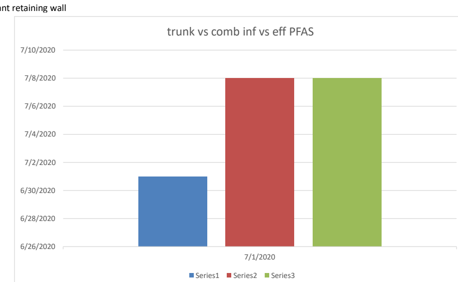
EAST BURLINGTON INFLUENT

Sample type	grab	grab	composite	grab	grab	composite	grab	grab	composite	composite
Sample ID	**Comb Inf**	**Burl Inf**	**Burl Inf**	**Comb Inf**	**Burl Inf**	**Burl Inf**	**Comb Inf**	**Burl Inf**	**Comb Inf**	**Burl Inf**
Date	1/17/2020	1/17/2020	1/17/2020	1/24/2020	1/24/2020	1/23/2020	1/31/2020	1/31/2020	1/30/2020	1/30/2020
Time	0945	0936	630	1400	1355	1/24/2020	1000	1001	1/31/2020	1/31/2020
1,4 Dioxane						21.9				
PFOA	**44.6**	**28.9**	**11.4**	**35.2**	**17.3**	**12.6**	**33.3**	**10.6**	**46.0**	**10.3**
PFOS	**39.7**	**0**	**21.3**	**31.1**	**14.4**	**13.3**	**26.2**	**13.0**	**34.6**	**12.8**
PFBA	0	254	0	39.3	0	0	0	0	0	0
PFPeA	207	393	0	120	17.1	0	120	0	149	0
PFHxA	400.00	770	23.3	261	29.7	17.9	227	24.4	331	17.7
PFHpA	668	0	0	399	7.15	6.12	329	0	528	0
PFNA	0	0	0	0	0	0	0	0	0.0	0
PFDA	0	0	0	0	0	0	0	0	0	0
PFPFUnA	0	0	0	0	0	0	0	0	0	0
PFDoA	0	0	0	0	0	0	0	0	0	0
PFTrA (PFTrDA)	0	0	0	0	0	0	0	0	0	0
PFTA (PFTeDA)	0	7.13	6.18	10.5	0	8.22	0	0	0	0
L-PFBS	0	0	0	0	0	0	0	0	39.8	0
PFPeS	0	0	0	0	0	0	0	0	0	0
PFHxS	0.00	0	0	0	0	0	0	0	0	0
PFHpS	0	0	0	0	0	0	0	0	0	0
PFNS	0	0	0	0	0	0	0	0	0	0
PFDS	0	0	0	0	0	0	0	0	0	0
PFOSA	0	0	0	0	0	0	0	0	0	0
N-MeFOSAA	0	0	0	0	0	0	0	0	0	0
N-EtFOSAA	0	0	0	0	0	0	0	0	0	0
PFOA + PFOS	**84.3**	**28.9**	**32.7**	**66.3**	**31.7**	**25.9**	**59.5**	**23.6**	**80.6**	**23.1**
SUM ALL	**1359.3**	**1453.0**	**62.2**	**896.1**	**85.7**	**58.1**	**735.5**	**48.0**	**1128.4**	**40.8**

	TRUNK vs Combined Inf		**TRUNK vs Combined Inf**		**TRUNK vs Combined Inf**	
Sample type	grab	grab	grab	grab	grab	grab
Sample ID	**E Burl Trunk**	**Comb Inf**	**E Burl Trunk**	**Comb Inf**	**E Burl Trunk**	**Comb Inf**
Date	2/14/2020	2/14/2020	2/17/2020	2/17/2020	2/28/2020	2/28/2020
Time	1015	1020	1345	1350	1035	1045
1,4 Dioxane	9.47		4.55		7.58	
PFOA	**13**	**31.5**	**8.98**	**24.1**	**11.2**	**28.9**
PFOS	**23.4**	**38.3**	**15.9**	**53.1**	**23.3**	**32.6**
PFBA	0	0	0	0	0	0
PFPeA	0	0	0	0	0	0
PFHxA	15.3	59.20	11.1	32.90	0	47.80
PFHpA	6.07	19.2	0	14.8	0	20.7
PFNA	0	0	0	0	0	0
PFDA	0	0	0	0	0	0
PFPFUnA	0	0	0	0	0	0
PFDoA	0	0	0	0	0	0
PFTrA (PFTrDA)	0	0	0	0	0	0
PFTA (PFTeDA)	0	0	0	0	0	0
L-PFBS	0	0	0	0	0	0
PFPeS	0	0	0	0	0	0
PFHxS	0	0.00	0	0.00	0	0.00
PFHpS	0	0	0	0	0	0
PFNS	0	0	0	0	0	0
PFDS	0	0	0	0	0	0
PFOSA	0	0	0	0	0	0
N-MeFOSAA	0	0	0	0	0	0
N-EtFOSAA	0	0	0	0	0	0
PFOA + PFOS	**36.4**	**69.8**	**24.9**	**77.2**	**34.5**	**61.5**
SUM ALL	**57.8**	**148.2**	**36.0**	**124.9**	**34.5**	**130.0**

Sample type	composite	composite	composite	composite	composite	composite	grab	grab	composite	composite
Sample ID	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**trunk**	**comb inf**	**E Burl Inf**	**Comb Inf**
Date	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)
Time	3/25,26/20	3/25,26/20	4/1,2/20	4/1,2/20	4/7,8/20	4/7,8/20	4/15/2020	4/15/2020	4/22/2020	4/22/2020
1,4 Dioxane										
PFOA	**11.6**	**28.5**	**10.4**	**41.2**	**13.1**	**47.3**	**9.24**	**52**	**7.33**	**30.7**
PFOS	**27.9**	**31.8**	**23.2**	**39.9**	**16.6**	**58.3**	**26.7**	**58.5**	**18.9**	**31.2**
PFBA	0	0	0	105	0	92.5	0	0	0	0
PFPeA	0	213	0	468	0	202	0	75.6	0	187
PFHxA	21.4	334	24.5	579	0	266	16.6	152	20.3	316
PFHpA	0	494	7.51	787	7.8	133	0	34.3	0	543
PFNA	0	0	0	0	0	0	0	0	0	0
PFDA	0	0	0	6.73	0	8.52	0	0	0	0
PFPFUnA	0	0	0	0	0	0	0	0	0	0
PFDoA	0	0	0	0	0	0	0	0	0	0
PFTrA (PFTrDA)	0	0	0	0	0	0	0	0	0	0
PFTA (PFTeDA)	0	0	0	0	0	0	0	0	0	0
L-PFBS	0	0	0	0	0	0	0	0	0	0
PFPeS	0	0	0	0	0	0	0	0	0	0
PFHxS	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0
PFHpS	0	0	0	0	0	0	0	0	0	0
PFNS	0	0	0	0	0	0	0	0	0	0
PFDS	0	0	0	0	0	0	0	0	0	0
PFOSA	0	0	0	0	0	0	0	0	0	0
N-MeFOSAA	0	23	0	0	0	12.6	0	0	0	0
N-EtFOSAA	0	0	0	0	0	0	0	0	0	0
PFOA + PFOS	**39.5**	**60.3**	**33.6**	**81.1**	**29.7**	**105.6**	**35.9**	**110.5**	**26.2**	**61.9**
SUM ALL	**60.9**	**1124.3**	**65.6**	**2026.8**	**37.5**	**820.2**	**52.5**	**372.4**	**46.5**	**1107.9**

Sample type	composite	composite	composite	composite	composite	composite	composite	composite	composite
Sample ID	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**
Date	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)
Time	5/1/2020	5/1/2020	5/15/2020	5/15/2020	5/18/2020	5/18/2020	5/29/2020	5/29/2020	6/16/2020
1,4 Dioxane									
PFOA	**7.22**	**20.2**	**13.0**	**52.3**	**12.8**	**80.5**	**19.2**	**55.6**	**11.4**
PFOS	**26.0**	**34.6**	**16.6**	**42.0**	**17.4**	**31.0**	**24.4**	**36.6**	**21.2**
PFBA	0	0	0	98.5	0	762	0	0	0
PFPeA	0	57.9	0	419	0	1590	24.6	53.9	25.8
PFHxA	19.7	96.7	13.7	610.0	17.2	1710	32.3	101.0	34.8
PFHpA	0	34.3	0	542	6.98	931	12.9	29.8	7.05
PFNA	0	0	0	0	0	7.62	0	13.2	0
PFDA	0	0	0	0	0	26.3	0	7.06	0
PFPFUnA	0	0	0	0	0	0	0	0	0
PFDoA	0	0	0	0	0	0	0	0	0
PFTrA (PFTrDA)	0	0	0	0	0	0	0	0	0
PFTA (PFTeDA)	0	0	0	0	0	0	0	0	0
L-PFBS	0	0	0	42.5	0	28.7	0	0	0
PFPeS	0	0	0	0	0	0	0	0	0
PFHxS	0	0	0	0	0	8.16	0	0	0
PFHpS	0	0	0	0	0	0	0	0	0
PFNS	0	0	0	0	0	0	0	0	0
PFDS	0	0	0	0	0	0	0	0	0
PFOSA	0	0	0	0	0	0	0	0	0
N-MeFOSAA	0	0	0	0	0	0	7.9	11.4	0
N-EtFOSAA	0	16.3	0	0	0	0	0	0	0
PFOA + PFOS	**33.2**	**54.8**	**29.6**	**94.3**	**30.2**	**111.5**	**43.6**	**92.2**	**32.6**
SUM ALL	**52.9**	**260.0**	**43.3**	**1806.3**	**54.4**	**5175.3**	**121.3**	**308.6**	**100.3**

Sample type	composite	composite	composite	composite	composite	composite	composite	composite	composite	composite	composite	composite	composite	composite
Sample ID	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**	**Comb Inf**	**E Burl Inf**
Date	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)	(recycle)	(no recycle)
Time	7/1/2020	7/1/2020	7/8/2020	7/8/2020	7/30/2020	7/30/2020	8/7/2020	8/7/2020	8/18/2020	8/18/2020	9/18/2020	9/18/2020	9/23/2020	9/23/2020
1,4 Dioxane														
PFOA	**38.0**	**15.5**	**45.8**	**21.9**	**21.3**	**12.8**	**31.4**	**13.3**	**29.9**	**10.8**	36.2	11.9	32.9	10.5
PFOS	**36.0**	**17.0**	**41.0**	**33.6**	**29.1**	**18.2**	**31.3**	**9.6**	**33.0**	**17.8**	50.8	14.7	33.1	13
PFBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFPeA	43.8	16.6	43.0	13.0	45.1	26.3	37.4	23.2	58.2	49.0	68.1	45.4	0	0
PFHxA	82.0	30.9	105.0	32.2	83.0	35.4	66.8	22.3	94.7	61.3	113	52.9	91.8	33
PFHpA	18.8	0	32.5	6.43	20.1	7.76	18.3	0	17.5	0	24.7	9.28	19	0
PFNA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFPFUnA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFDoA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFTrA (PFTrDA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFTA (PFTeDA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L-PFBS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFPeS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFHxS	0	0	0	0	0	0	0	0	0	0	9.63	0	0	0
PFHpS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-MeFOSAA	0	0	0	10.9	5.39	0	0	0	0	0	0	0	0	0
N-EtFOSAA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PFOA + PFOS	**74.0**	**32.5**	**86.8**	**55.5**	**50.4**	**31.0**	**62.7**	**22.9**	**62.9**	**28.6**	**87.0**	**26.6**	**66.0**	**23.5**
SUM ALL	**218.6**	**80.0**	**267.3**	**118.0**	**204.0**	**100.5**	**185.2**	**68.4**	**233.3**	**138.9**	**302.4**	**134.2**	**176.8**	**56.5**
4:2 FTS							0	0	0	0	0	0	0	0
6:2 FTS							7.39	0	10.1	0	22.1	0	7.97	0
8:2 FTS							0	0	0	0	0	0	0	0

Comb inf = sample taken at splitter box by primary clarifiers; includes all influent plus flow mixed from EQ basin
Burl infl = sample taken headworks prior to barscreen and possibly filter backwash.
E Burl Trunk=sample taken from sewer trunk line prior to East Plant retaining wall