



# PFAS UPDATE

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SOCWA Engineering Committee

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# PROJECT OVERVIEW

There are 42 analytes listed in the order as described in the general classifications listed below. There are 11 analytes that are voluntary to test for.

- PFCAs (C4 through C18)
- PFSAAs (C4 through C10)
- PFOSA, FOSEs, FOSAs, and FOAAs (C8 and C8 Precursors)
- FTS (C4, C6, C8, C10 Precursors)
- FTCA (C4, C6, C8, C10 Precursors)
- PFCAs (C4 through C14, C16, and C18)
- PFSAAs (C4 through C9)

### Sample Number, Type, and QC Requirements

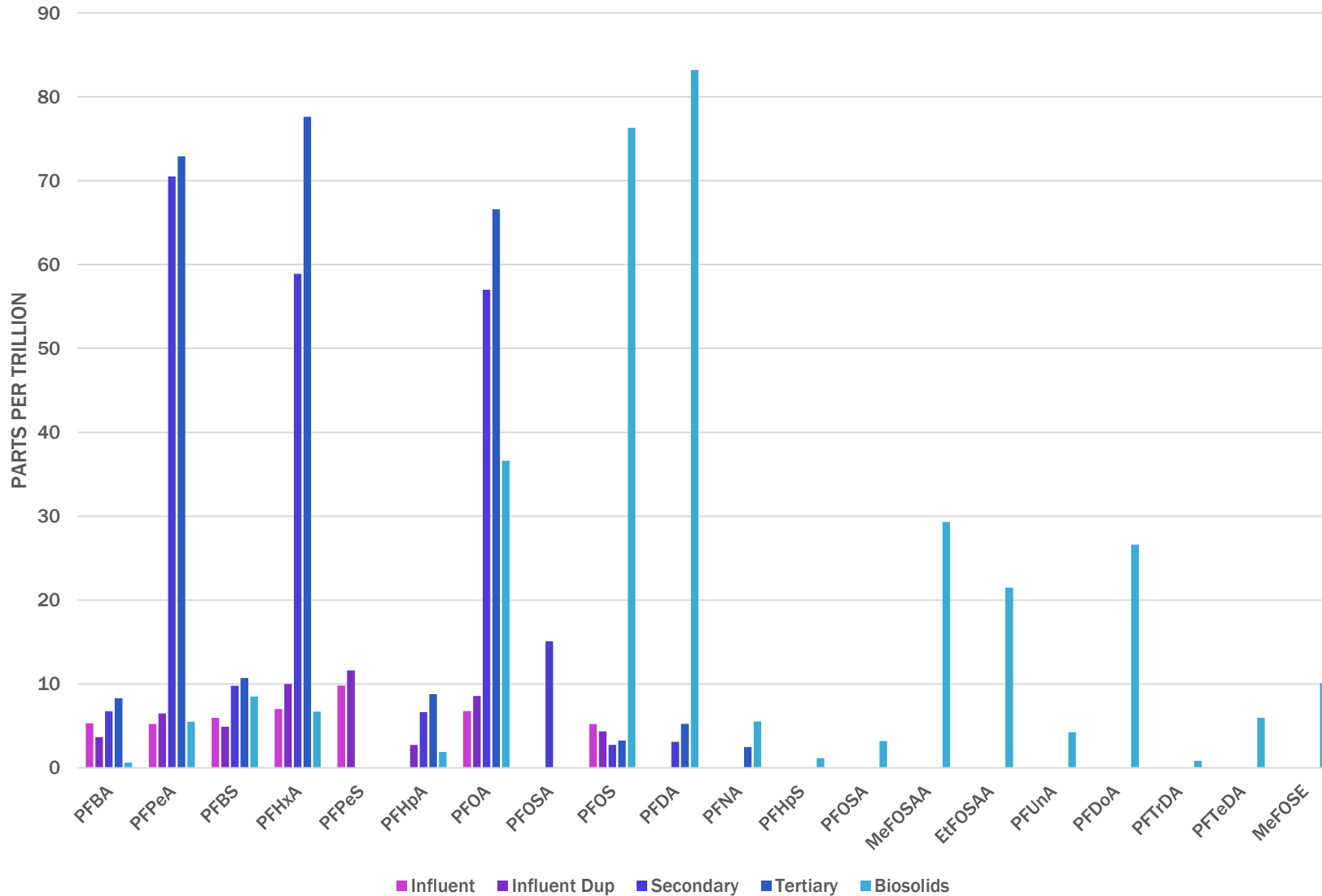
| Facility | Influent | Secondary | Effluent | Recycle | Biosolids | Field Blank | Influent Duplicate | Equipment Blank | Total Samples | PFAS Free Water |
|----------|----------|-----------|----------|---------|-----------|-------------|--------------------|-----------------|---------------|-----------------|
| RTP      | 1        |           | 1        | 1       | 1         | 1           | 1                  |                 | 6             |                 |
| JBL      | 1        |           | 1        |         | 1         | 1           | 1                  | 1               | 6             | 1               |
| CTP      | 1        |           | 1        | 1       |           | 1           | 1                  |                 | 5             |                 |
| Trabuco  | 1        |           | 1        | 1       | 1         | 1           | 1                  |                 | 6             |                 |
| SMWD     | 2        |           | 2        | 2       | 1         | 2           | 2                  |                 | 11            |                 |
| 3A       | 1        |           | 1        | 1       | 1         | 1           | 1                  | 1               | 7             | 1               |
| ETWD     | 1        |           | 1        | 1       | 1         | 1           | 1                  | 1               | 6             | 1               |
| LAWRP    | 1        | 1         | 1        | 1       |           | 1           | 1                  | 1               | 7             | 1               |
| CSC      | 1        |           | 1        | 1       | 1         | 1           | 1                  |                 | 6             |                 |
|          | 10       | 1         | 10       | 9       | 7         | 10          | 10                 | 4               | 61            | 4               |

All samples were grab samples in accordance with the SWRCB FAQs and coordination with the contract laboratory. Equipment blanks were utilized when the initial field review determined it necessary.

# RESULTS

- **Key Take-Aways**
  - **Field blanks non-detect for PFAS**
  - **Equipment blanks non-detect**
  - **13 instances where influent data was non-detect and detect for PFPeA, PFBA, PFBS(2), PFHxS(3), PFHpA(2), PFHxA, PFOA PFDS, and MeFOSE**
  - **9-20 analytes detected**
  - **Showing an increase in analytes through treatment train for some analytes in most facilities**
  - **Non-detect to 168 PPT in analyte concentration**

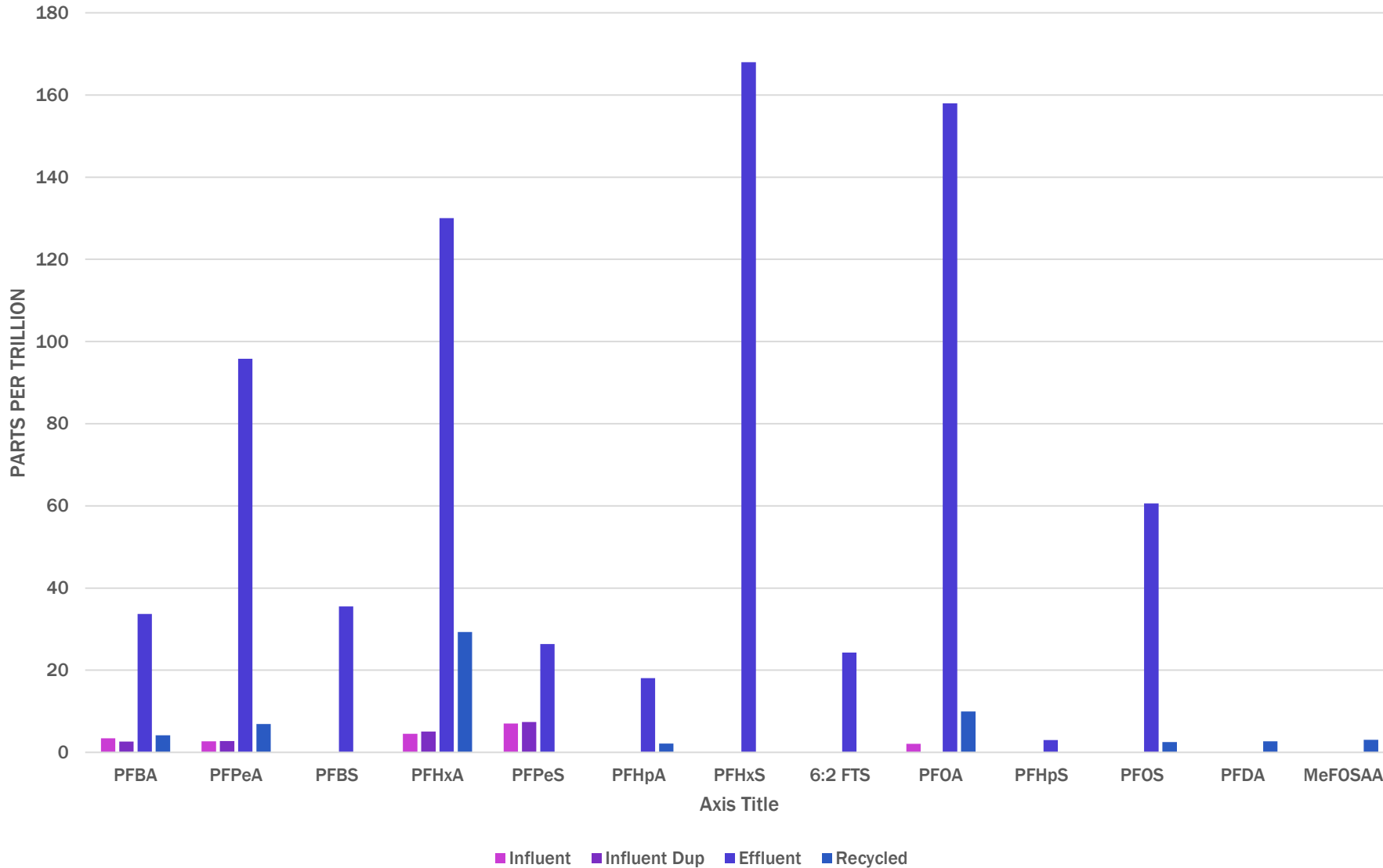
## PLANT 1 RESULTS



- **20 Analyte Detects**
- **Biosolids increased number of target analytes**
- **Influent Duplicate hit for PFHpA with non-detect**
- **Most targets increasing from influent to effluent**

|         | Influent | Influent Dup | Secondary | Tertiary | Biosolids |
|---------|----------|--------------|-----------|----------|-----------|
| PFBA    | 5.31     | 3.68         | 6.74      | 8.28     | 0.637     |
| PFPeA   | 5.21     | 6.5          | 70.5      | 72.9     | 5.5       |
| PFBS    | 5.96     | 4.91         | 9.77      | 10.7     | 8.5       |
| PFHxA   | 7.02     | 9.99         | 58.9      | 77.6     | 6.7       |
| PFPeS   | 9.81     | 11.6         | ND        | ND       | ND        |
| PFHpA   | ND       | 2.73         | 6.65      | 8.78     | 1.91      |
| PFOA    | 6.78     | 8.58         | 57        | 66.6     | 36.6      |
| PFOSA   | ND       | ND           | 15.1      | ND       | ND        |
| PFOS    | 5.21     | 4.34         | 2.75      | 3.27     | 76.3      |
| PFDA    | ND       | ND           | 3.12      | 5.25     | 83.2      |
| PFNA    | ND       | ND           | ND        | 2.5      | 5.53      |
| PFHpS   | ND       | ND           | ND        | ND       | 1.14      |
| PFOSA   | ND       | ND           | ND        | ND       | 3.19      |
| MeFOSAA | ND       | ND           | ND        | ND       | 29.3      |
| EtFOSAA | ND       | ND           | ND        | ND       | 21.5      |
| PFUnA   | ND       | ND           | ND        | ND       | 4.27      |
| PFDoA   | ND       | ND           | ND        | ND       | 26.6      |
| PFTriDA | ND       | ND           | ND        | ND       | 0.845     |
| PFTeDA  | ND       | ND           | ND        | ND       | 5.96      |
| MeFOSE  | ND       | ND           | ND        | ND       | 10.1      |

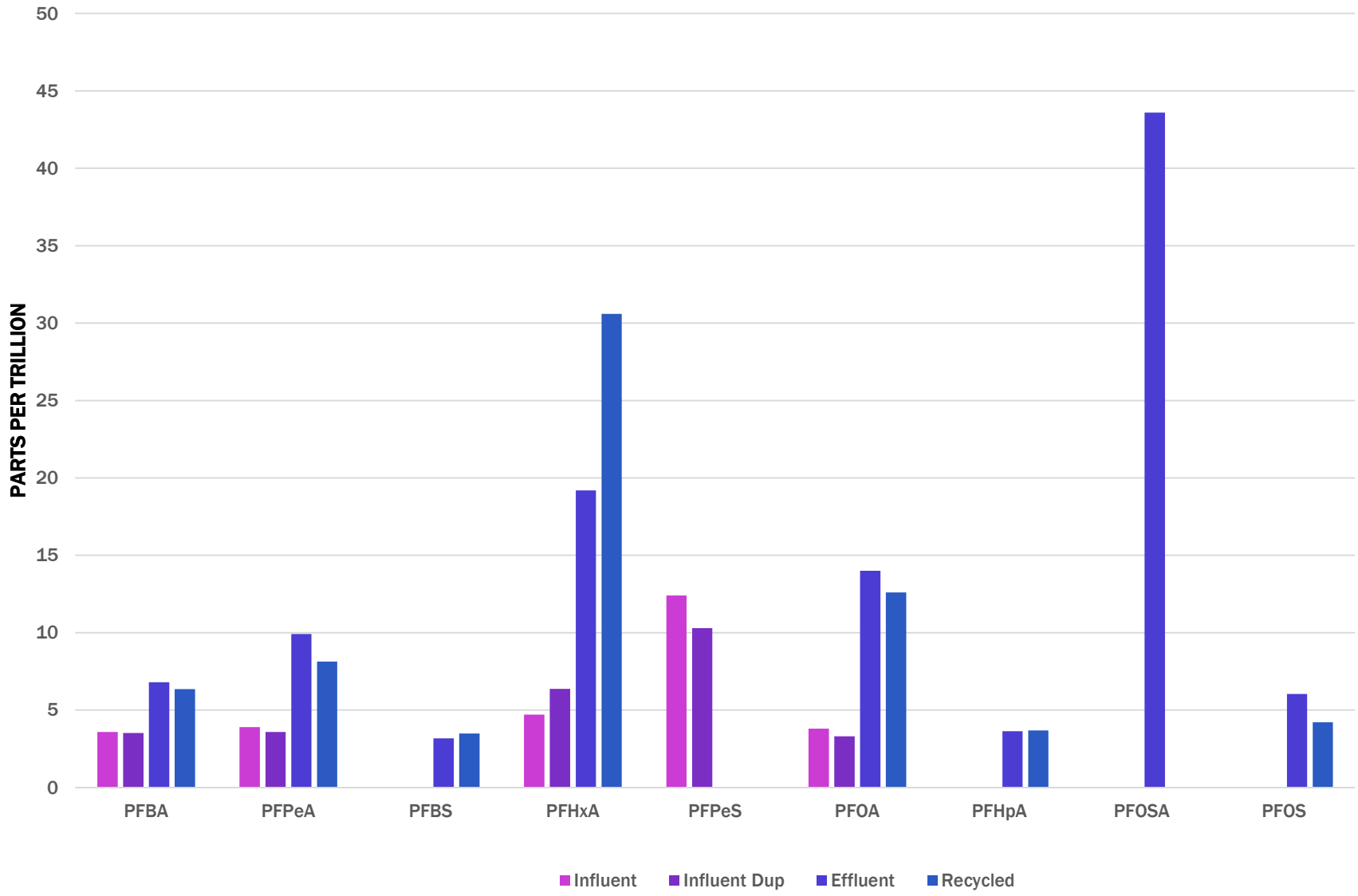
## PLANT 2 RESULTS



- **13 Analyte detects**
- **Biosolids and effluent increased number of target analytes**
- **Most targets increasing from influent to effluent**

|         | Influent | Influent Dup | Effluent | Recycled |
|---------|----------|--------------|----------|----------|
| PFBA    | 3.45     | 2.65         | 33.7     | 4.14     |
| PFPeA   | 2.71     | 2.76         | 95.8     | 6.94     |
| PFBS    | ND       | ND           | 35.5     | ND       |
| PFHxA   | 4.56     | 5.06         | 130      | 29.3     |
| PFPeS   | 7.01     | 7.39         | 26.4     | ND       |
| PFHpA   | ND       | ND           | 18.1     | 2.16     |
| PFHxS   | ND       | ND           | 168      | ND       |
| 6:2 FTS | ND       | ND           | 24.3     | ND       |
| PFOA    | 2.12     | ND           | 158      | 9.95     |
| PFHpS   | ND       | ND           | 2.99     | ND       |
| PFOS    | ND       | ND           | 60.6     | 2.5      |
| PFDA    | ND       | ND           | ND       | 2.69     |
| MeFOSAA | ND       | ND           | ND       | 3.06     |

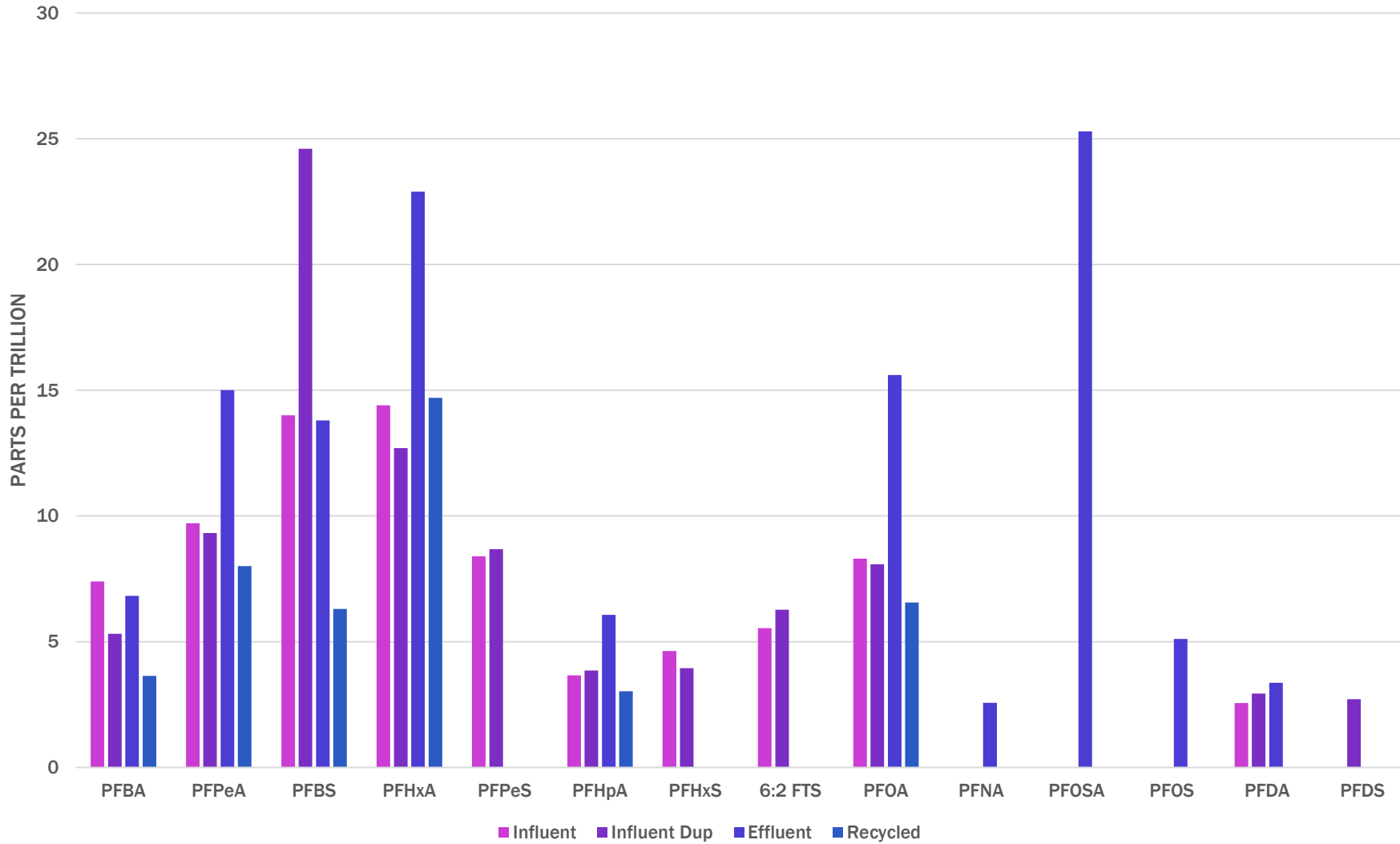
### PLANT 3 RESULTS



- **9 Analyte detects**
- **Effluent increased number of target analytes**
- **Most targets increasing from influent to effluent**

|       | Influent | Influent D | Effluent | Recycled |
|-------|----------|------------|----------|----------|
| PFBA  | 3.58     | 3.52       | 6.8      | 6.36     |
| PFPeA | 3.9      | 3.59       | 9.92     | 8.14     |
| PFBS  | ND       | ND         | 3.18     | 3.49     |
| PFHxA | 4.71     | 6.37       | 19.2     | 30.6     |
| PFPeS | 12.4     | 10.3       | ND       | ND       |
| PFOA  | 3.8      | 3.31       | 14       | 12.6     |
| PFHpA | ND       | ND         | 3.63     | 3.68     |
| PFOSA | ND       | ND         | 43.6     | ND       |
| PFOS  | ND       | ND         | 6.05     | 4.22     |

## PLANT 4 RESULTS

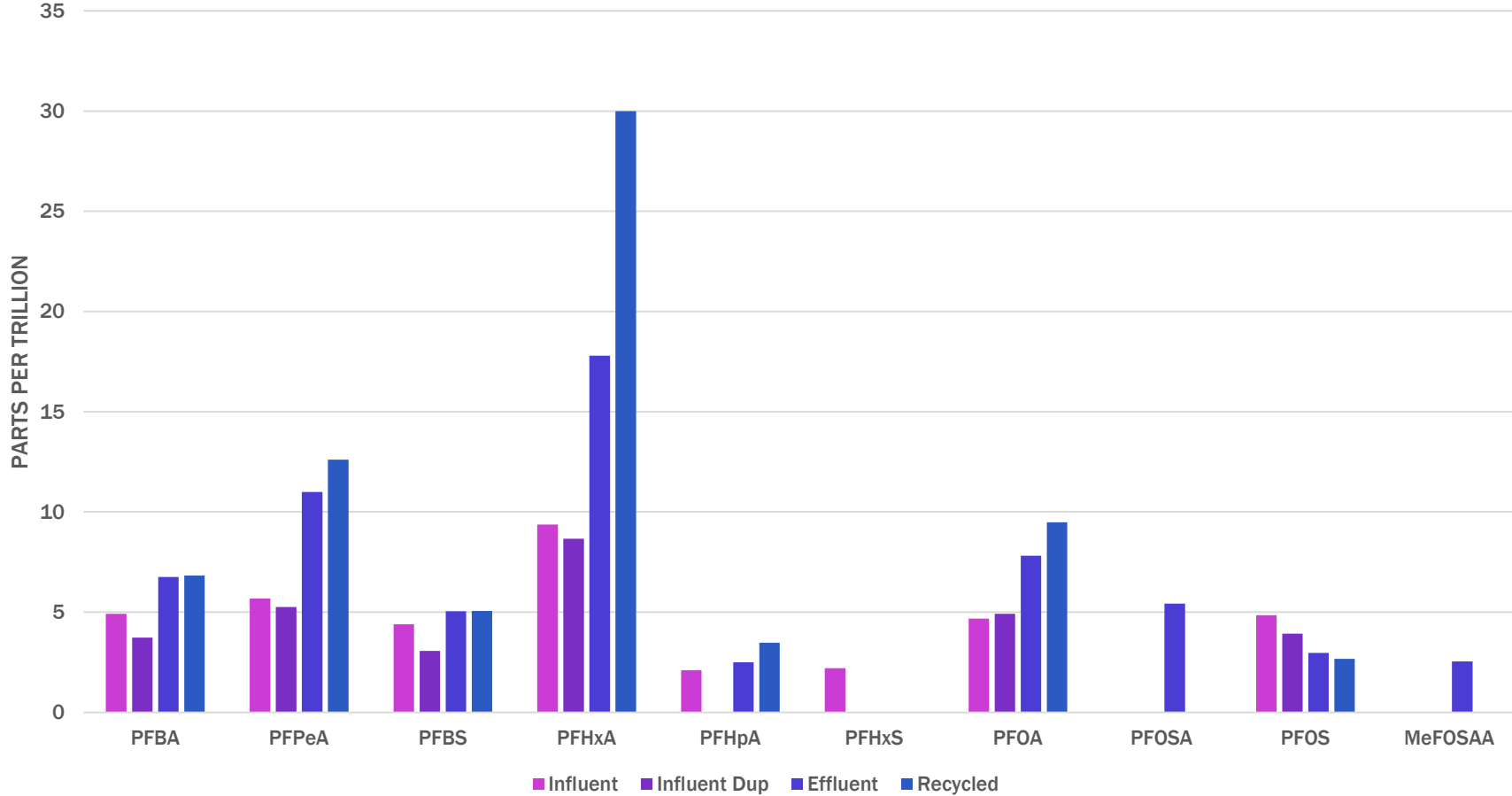


- **14 Analyte detects**
- **Effluent increased number of target analytes**
- **Most targets increasing from influent to effluent**

|         | Influent | Influent Du | Effluent | Recycled |
|---------|----------|-------------|----------|----------|
| PFBA    | 7.39     | 5.31        | 6.82     | 3.64     |
| PFPeA   | 9.71     | 9.32        | 15       | 8        |
| PFBS    | 14       | 24.6        | 13.8     | 6.3      |
| PFHxA   | 14.4     | 12.7        | 22.9     | 14.7     |
| PFPeS   | 8.39     | 8.68        | ND       | ND       |
| PFHpA   | 3.66     | 3.85        | 6.07     | 3.03     |
| PFHxS   | 4.63     | 3.94        | ND       | ND       |
| 6:2 FTS | 5.54     | 6.27        | ND       | ND       |
| PFOA    | 8.3      | 8.08        | 15.6     | 6.56     |
| PFNA    | ND       | ND          | 2.57     | ND       |
| PFOSA   | ND       | ND          | 25.3     | ND       |
| PFOS    | ND       | ND          | 5.11     | ND       |
| PFDA    | 2.56     | 2.94        | 3.36     | ND       |
| PFDS    | ND       | 2.71        | ND       | ND       |



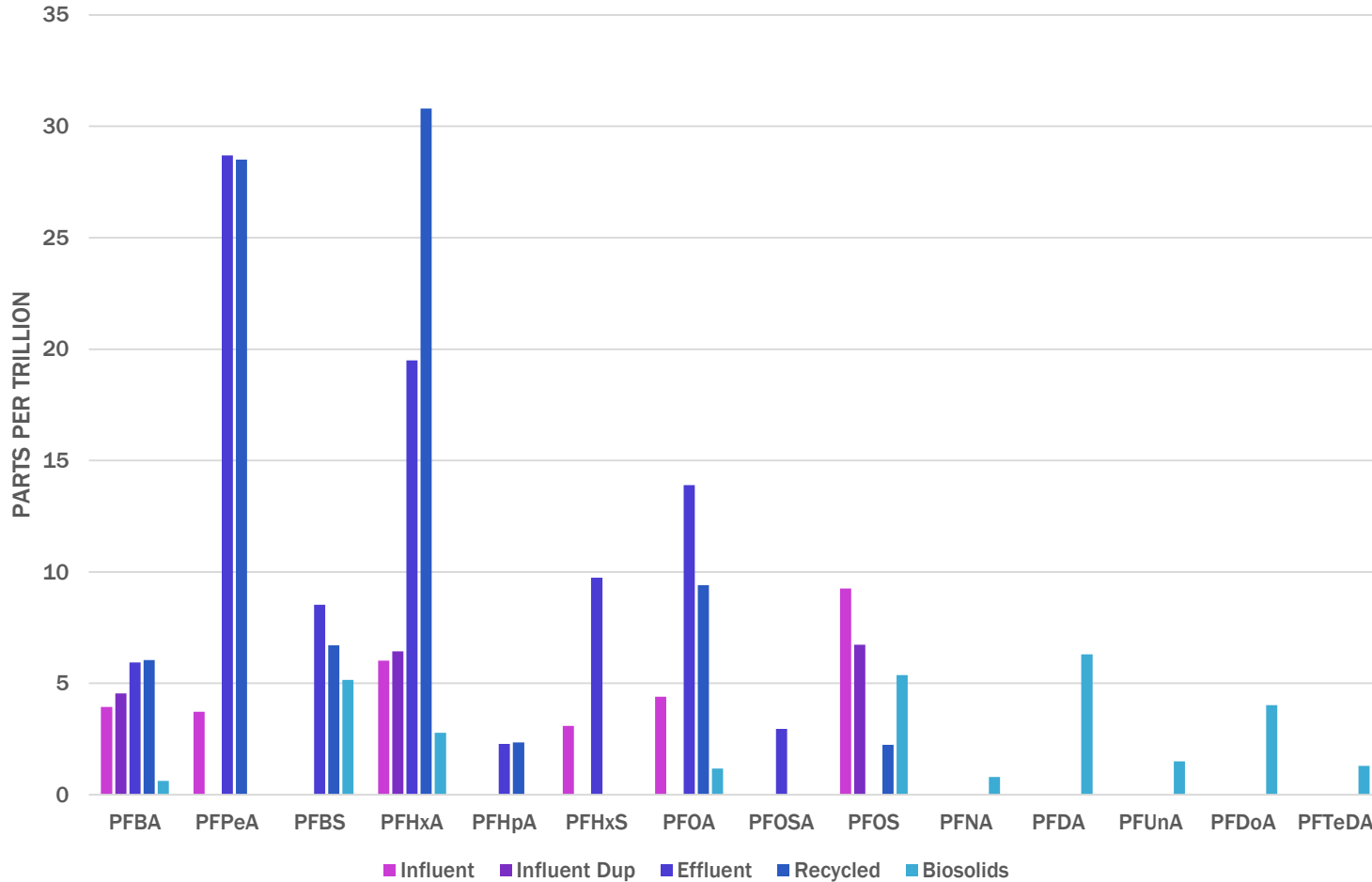
### PLANT 5 RESULTS



- **10 Analyte Detects**
- **2 Duplicates with a detect and non-detect**
- **Effluent increased 1 target analyte**
- **Some increase in analyte concentration between influent to effluent**

|         | Influent | Influent Du | Effluent | Recycled |
|---------|----------|-------------|----------|----------|
| PFBA    | 4.91     | 3.73        | 6.75     | 6.82     |
| PFPeA   | 5.68     | 5.26        | 11       | 12.6     |
| PFBS    | 4.4      | 3.06        | 5.05     | 5.06     |
| PFHxA   | 9.37     | 8.66        | 17.8     | 30       |
| PFHpA   | 2.1      | ND          | 2.5      | 3.47     |
| PFHxS   | 2.2      | ND          | ND       | ND       |
| PFOA    | 4.68     | 4.92        | 7.81     | 9.48     |
| PFOSA   | ND       | ND          | 5.42     | ND       |
| PFOS    | 4.84     | 3.92        | 2.97     | 2.67     |
| MeFOSAA | ND       | ND          | 2.54     | ND       |

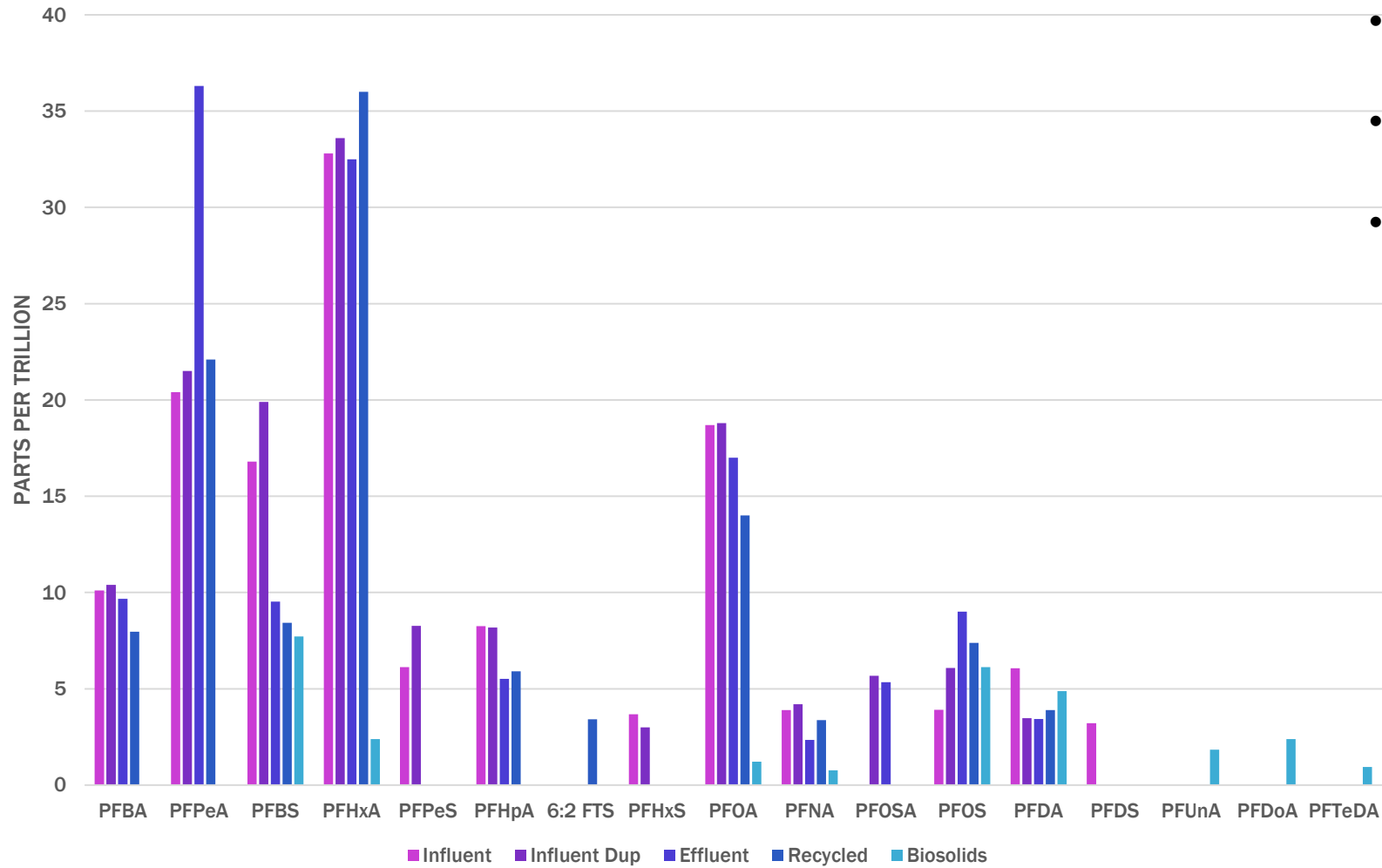
### Plant 6 Results



- **14 Analyte Detects**
- **1 Duplicates with a detect and non-detect**
- **Effluent increased 1 target analyte**
- **Some increase in analyte concentration between influent to effluent**

|        | Influent | Influent Dup | Effluent | Recycled | Biosolids |
|--------|----------|--------------|----------|----------|-----------|
| PFBA   | 3.94     | 4.55         | 5.94     | 6.05     | 0.627     |
| PFPeA  | 3.72     | ND           | 28.7     | 28.5     | ND        |
| PFBS   | ND       | ND           | 8.52     | 6.71     | 5.16      |
| PFHxA  | 6.02     | 6.43         | 19.5     | 30.8     | 2.78      |
| PFHpA  | ND       | ND           | 2.28     | 2.35     | ND        |
| PFHxS  | 3.09     | ND           | 9.74     | ND       | ND        |
| PFOA   | 4.4      | ND           | 13.9     | 9.4      | 1.18      |
| PFOSA  | ND       | ND           | 2.96     | ND       | ND        |
| PFOS   | 9.26     | 6.73         | ND       | 2.24     | 5.37      |
| PFNA   | ND       | ND           | ND       | ND       | 0.795     |
| PFDA   | ND       | ND           | ND       | ND       | 6.3       |
| PFUnA  | ND       | ND           | ND       | ND       | 1.5       |
| PFDoA  | ND       | ND           | ND       | ND       | 4.02      |
| PFTeDA | ND       | ND           | ND       | ND       | 1.29      |

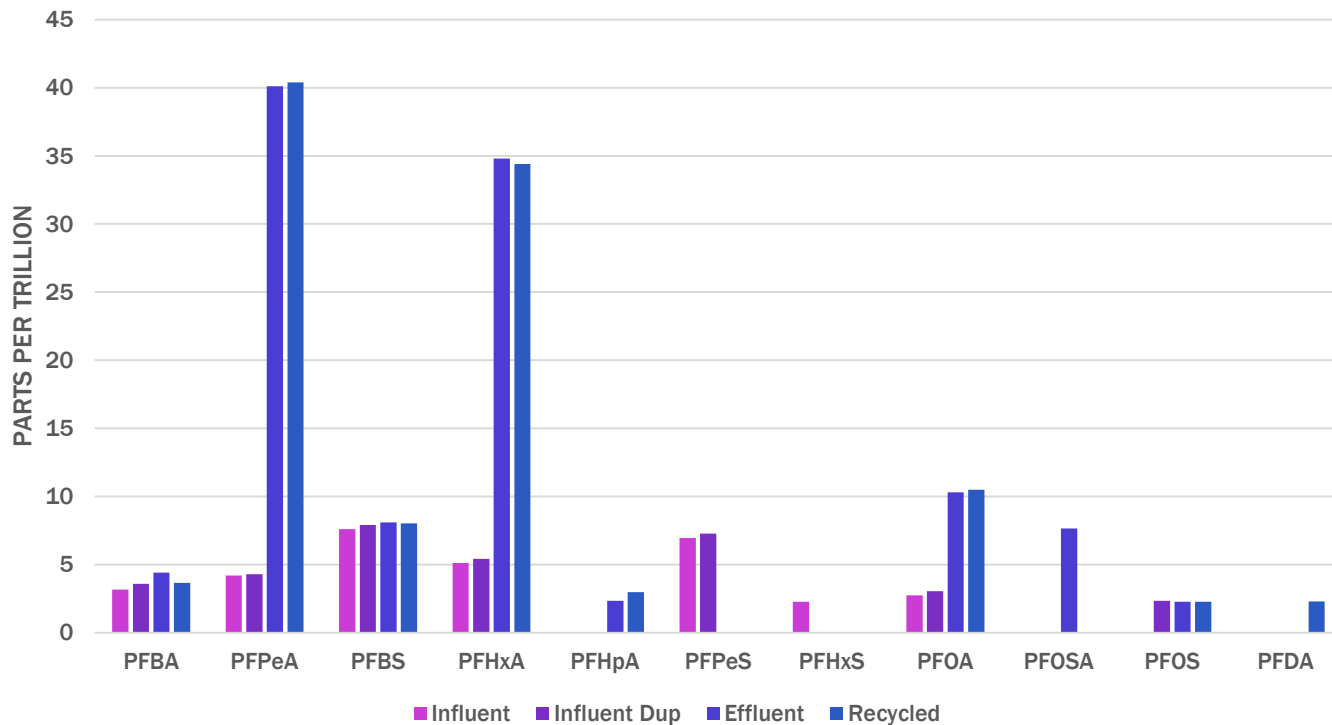
### Plant 7 Results



- **17 Analyte Detects**
- **1 Duplicates with a detect and non-detect**
- **Increase in concentration across the facility**
- **Biosolids and effluent increased number of target analytes**

|         | Influent | Influent Dup | Effluent | Recycled | Biosolids |
|---------|----------|--------------|----------|----------|-----------|
| PFBA    | 10.1     | 10.4         | 9.67     | 7.97     | ND        |
| PFPeA   | 20.4     | 21.5         | 36.3     | 22.1     | ND        |
| PFBS    | 16.8     | 19.9         | 9.53     | 8.42     | 7.71      |
| PFHxA   | 32.8     | 33.6         | 32.5     | 36       | 2.39      |
| PFPeS   | 6.13     | 8.27         | Nnd      | ND       | ND        |
| PFHpA   | 8.25     | 8.18         | 5.52     | 5.9      | ND        |
| 6:2 FTS | ND       | ND           | ND       | 3.41     | ND        |
| PFHxS   | 3.68     | 2.99         | ND       | ND       | ND        |
| PFOA    | 18.7     | 18.8         | 17       | 14       | 1.21      |
| PFNA    | 3.89     | 4.2          | 2.35     | 3.37     | 0.763     |
| PFOSA   | ND       | 5.67         | 5.34     | ND       | ND        |
| PFOS    | 3.91     | 6.08         | 9        | 7.38     | 6.12      |
| PFDA    | 6.06     | 3.47         | 3.43     | 3.9      | 4.88      |
| PFDS    | 3.21     | ND           | ND       | ND       | ND        |
| PFUnA   | ND       | ND           | ND       | ND       | 1.83      |
| PFDoA   | ND       | ND           | ND       | ND       | 2.38      |
| PFTeDA  | ND       | ND           | ND       | ND       | 0.936     |

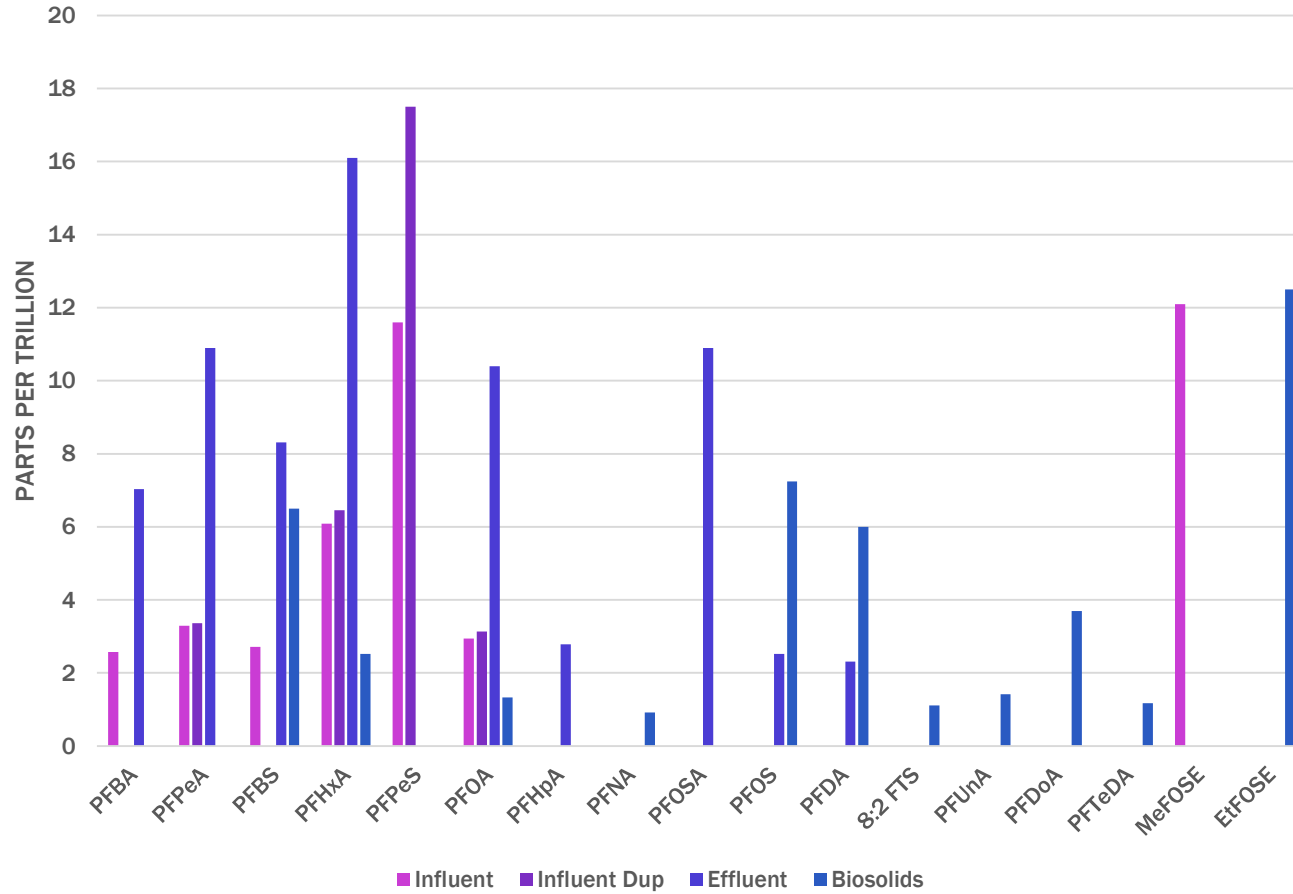
Plant 8 Results



- **10 Analyte Detects**
- **2 Duplicates with a detect and non-detect**
- **Effluent increased 1 target analyte**
- **General increase in analyte concentration between influent to effluent**

|       | Influent | Influent Du | Effluent | Recycled |
|-------|----------|-------------|----------|----------|
| PFBA  | 3.16     | 3.59        | 4.42     | 3.66     |
| PFPeA | 4.21     | 4.29        | 40.1     | 40.4     |
| PFBS  | 7.61     | 7.92        | 8.09     | 8.04     |
| PFHxA | 5.13     | 5.43        | 34.8     | 34.4     |
| PFHpA | ND       | ND          | 2.34     | 2.99     |
| PFPeS | 6.95     | 7.29        | ND       | ND       |
| PFHxS | 2.28     | ND          | ND       | ND       |
| PFOA  | 2.74     | 3.05        | 10.3     | 10.5     |
| PFOSA | ND       | ND          | 7.66     | ND       |
| PFOS  | ND       | 2.35        | 2.27     | 2.27     |
| PFDA  | ND       | ND          | ND       | 2.3      |

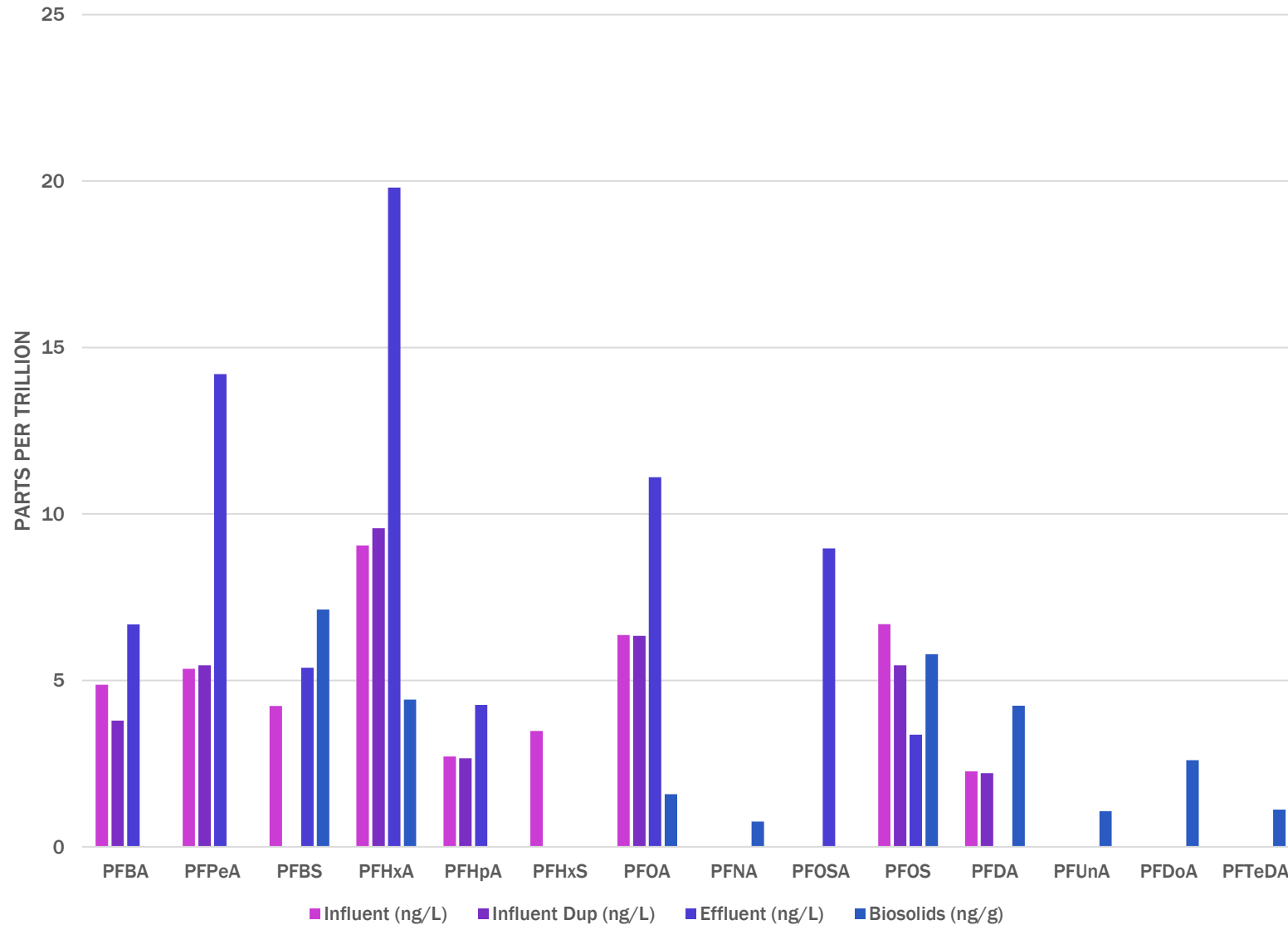
### Plant 9 Results



- **17 Analyte Detects**
- **3 Duplicates with An influent detect and non-detect**
- **Biosolids and effluent increased number of target analytes**

|         | Influent | Influent Dup | Effluent | Biosolids |
|---------|----------|--------------|----------|-----------|
| PFBA    | 2.57     | ND           | 7.03     | ND        |
| PFPeA   | 3.29     | 3.36         | 10.9     | ND        |
| PFBS    | 2.71     | ND           | 8.31     | 6.5       |
| PFHxA   | 6.09     | 6.45         | 16.1     | 2.52      |
| PFPeS   | 11.6     | 17.5         | ND       | ND        |
| PFOA    | 2.94     | 3.13         | 10.4     | 1.33      |
| PFHpA   | ND       | ND           | 2.78     | ND        |
| PFNA    | ND       | ND           | ND       | 0.919     |
| PFOSA   | ND       | ND           | 10.9     | ND        |
| PFOS    | ND       | ND           | 2.52     | 7.24      |
| PFDA    | ND       | ND           | 2.31     | 6         |
| 8:2 FTS | ND       | ND           | ND       | 1.11      |
| PFUnA   | ND       | ND           | ND       | 1.42      |
| PFDoA   | ND       | ND           | ND       | 3.69      |
| PFTeDA  | ND       | ND           | ND       | 1.17      |
| MeFOSE  | 12.1     | ND           | ND       | ND        |
| EtFOSE  | ND       | ND           | ND       | 12.5      |

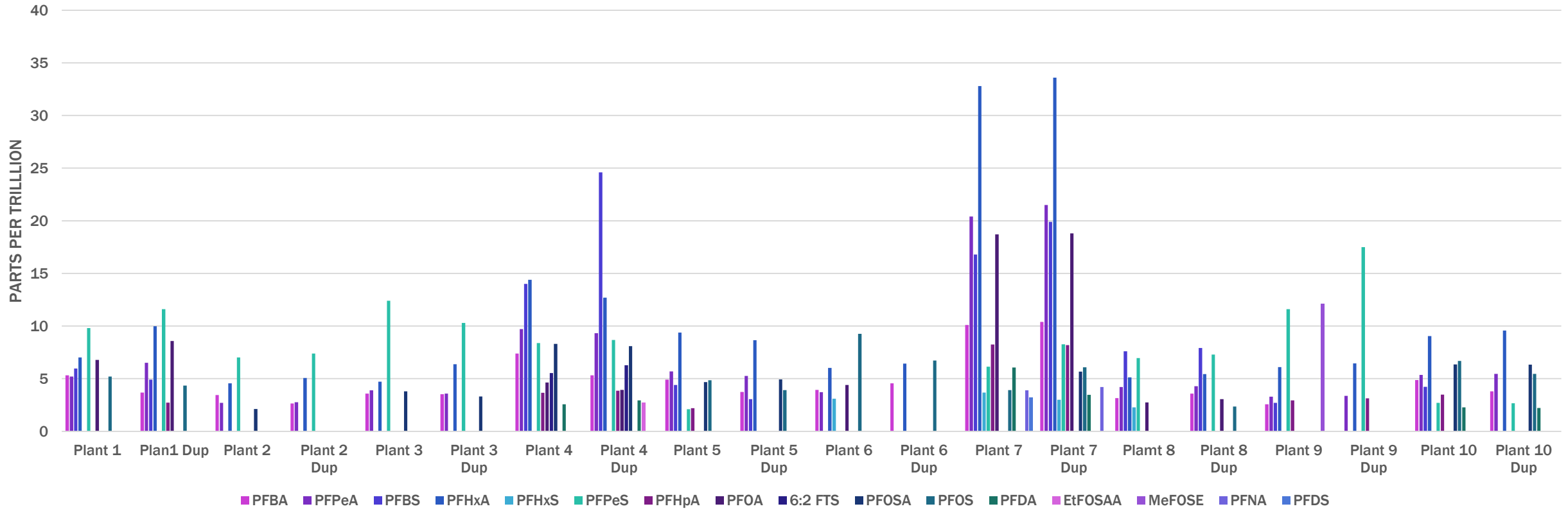
## PLANT 10 RESULTS



- **14 Analyte Detects**
- **1 Duplicates with a detect and non-detect**
- **Effluent increased 1 target analyte**
- **Some increase in analyte concentration between influent to effluent**
- **Biosolids and effluent increased number of target analytes**

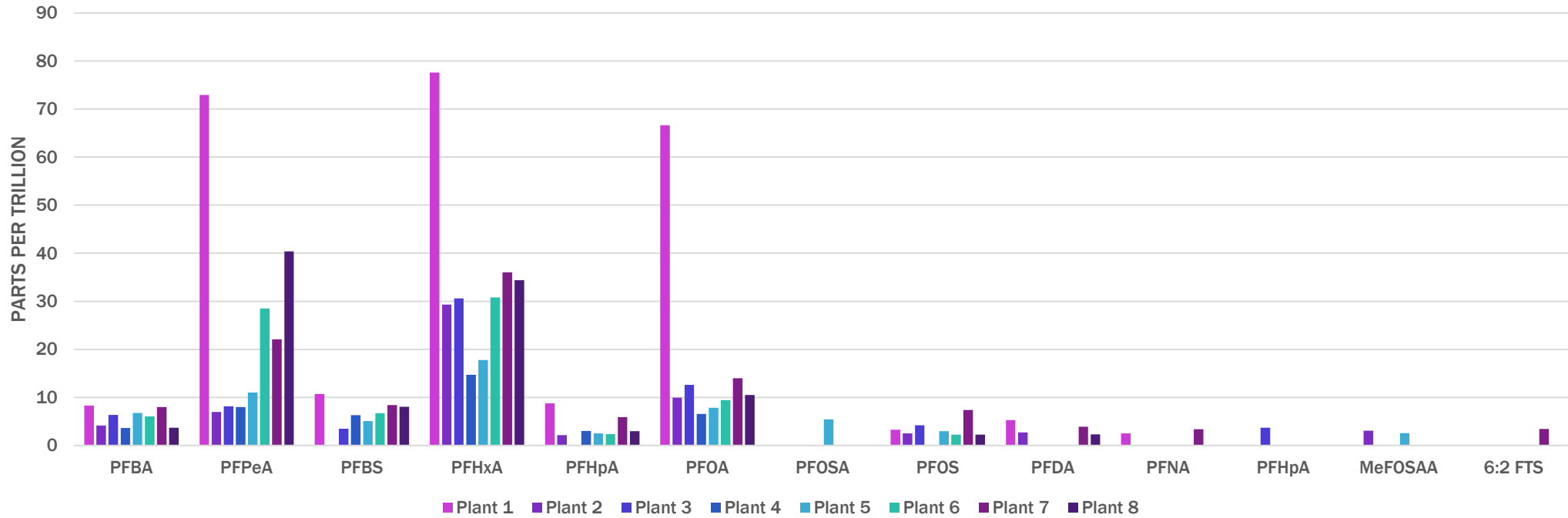
|        | Influent (ng/L) | Influent Dup (ng/L) | Effluent (ng/L) | Biosolids (ng/g) |
|--------|-----------------|---------------------|-----------------|------------------|
| PFBA   | 4.87            | 3.79                | 6.68            | ND               |
| PFPeA  | 5.35            | 5.45                | 14.2            | ND               |
| PFBS   | 4.23            | ND                  | 5.38            | 7.13             |
| PFHxA  | 9.05            | 9.57                | 19.8            | 4.42             |
| PFHpA  | 2.71            | 2.66                | 4.26            | ND               |
| PFHxS  | 3.48            | ND                  | ND              | ND               |
| PFOA   | 6.36            | 6.34                | 11.1            | 1.58             |
| PFNA   | ND              | ND                  | ND              | 0.762            |
| PFOSA  | ND              | ND                  | 8.96            | ND               |
| PFOS   | 6.69            | 5.45                | 3.37            | 5.79             |
| PFDA   | 2.27            | 2.21                | ND              | 4.24             |
| PFUnA  | ND              | ND                  | ND              | 1.07             |
| PFDoA  | ND              | ND                  | ND              | 2.6              |
| PFTeDA | ND              | ND                  | ND              | 1.12             |

# All Facilities Results



|         | Plant 1 | Plan1 Dup | Plant 2 | Plant 2 Dup | Plant 3 | Plant 3 Dup | Plant 4 | Plant 4 Dup | Plant 5 | Plant 5 Dup | Plant 6 | Plant 6 Dup | Plant 7 | Plant 7 Dup | Plant 8 | Plant 8 Dup | Plant 9 | Plant 9 Dup | Plant 10 | Plant 10 Dup |
|---------|---------|-----------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|----------|--------------|
| PFBA    | 5.31    | 3.68      | 3.45    | 2.65        | 3.58    | 3.52        | 7.39    | 5.31        | 4.91    | 3.73        | 3.94    | 4.55        | 10.1    | 10.4        | 3.16    | 3.59        | 2.57    | ND          | 4.87     | 3.79         |
| PFPeA   | 5.21    | 6.5       | 2.71    | 2.76        | 3.9     | 3.59        | 9.71    | 9.32        | 5.68    | 5.26        | 3.72    | ND          | 20.4    | 21.5        | 4.21    | 4.29        | 3.29    | 3.36        | 5.35     | 5.45         |
| PFBS    | 5.96    | 4.91      | ND      | ND          | 3.9     | ND          | 14      | 24.6        | 4.4     | 3.06        | ND      | ND          | 16.8    | 19.9        | 7.61    | 7.92        | 2.71    | ND          | 4.23     | ND           |
| PFHxA   | 7.02    | 9.99      | 4.56    | 5.06        | 4.71    | 6.37        | 14.4    | 12.7        | 9.37    | 8.66        | 6.02    | 6.43        | 32.8    | 33.6        | 5.13    | 5.43        | 6.09    | 6.45        | 9.05     | 9.57         |
| PFHxS   | ND      | ND        | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | 3.09    | ND          | 3.68    | 2.99        | 2.28    | ND          | ND      | ND          | ND       | ND           |
| PFPeS   | 9.81    | 11.6      | 7.01    | 7.39        | 12.4    | 10.3        | 8.39    | 8.68        | 2.1     | ND          | ND      | ND          | 6.13    | 8.27        | 6.95    | 7.29        | 11.6    | 17.5        | 2.71     | 2.66         |
| PFHpA   | ND      | 2.73      | ND      | ND          | ND      | ND          | 3.66    | 3.85        | 2.2     | ND          | ND      | ND          | 8.25    | 8.18        | ND      | ND          | 2.94    | 3.13        | 3.48     | ND           |
| PFOA    | 6.78    | 8.58      | ND      | ND          | ND      | ND          | 4.63    | 3.94        | ND      | ND          | 4.4     | ND          | 18.7    | 18.8        | 2.74    | 3.05        | ND      | ND          | ND       | ND           |
| 6:2 FTS | ND      | ND        | ND      | ND          | ND      | ND          | 5.54    | 6.27        | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND       | ND           |
| PFOSA   | ND      | ND        | 2.12    | ND          | 3.8     | 3.31        | 8.3     | 8.08        | 4.68    | 4.92        | ND      | ND          | ND      | 5.67        | ND      | ND          | ND      | ND          | 6.36     | 6.34         |
| PFOS    | 5.21    | 4.34      | ND      | ND          | ND      | ND          | ND      | ND          | 4.84    | 3.92        | 9.26    | 6.73        | 3.91    | 6.08        | ND      | 2.35        | ND      | ND          | 6.69     | 5.45         |
| PFDA    | ND      | ND        | ND      | ND          | ND      | ND          | 2.56    | 2.94        | ND      | ND          | ND      | ND          | 6.06    | 3.47        | ND      | ND          | ND      | ND          | 2.27     | 2.21         |
| EtFOSAA | ND      | ND        | ND      | ND          | ND      | ND          | ND      | 2.71        | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND       | ND           |
| MeFOSE  | ND      | ND        | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | 12.1    | ND          | ND       | ND           |
| PFNA    | ND      | ND        | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | 3.89    | 4.2         | ND      | ND          | ND      | ND          | ND       | ND           |
| PFDS    | ND      | ND        | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | ND      | ND          | 3.21    | ND          | ND      | ND          | ND      | ND          | ND       | ND           |

## All Plants Results



|         | Plant 1 | Plant 2 | Plant 3 | Plant 4 | Plant 5 | Plant 6 | Plant 7 | Plant 8 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PFBA    | 8.28    | 4.14    | 6.36    | 3.64    | 6.75    | 6.05    | 7.97    | 3.66    |
| PFPeA   | 72.9    | 6.94    | 8.14    | 8       | 11      | 28.5    | 22.1    | 40.4    |
| PFBS    | 10.7    | ND      | 3.49    | 6.3     | 5.05    | 6.71    | 8.42    | 8.04    |
| PFHxA   | 77.6    | 29.3    | 30.6    | 14.7    | 17.8    | 30.8    | 36      | 34.4    |
| PFHpA   | 8.78    | 2.16    | ND      | 3.03    | 2.5     | 2.35    | 5.9     | 2.99    |
| PFOA    | 66.6    | 9.95    | 12.6    | 6.56    | 7.81    | 9.4     | 14      | 10.5    |
| PFOSA   | ND      | ND      | ND      | ND      | 5.42    | ND      | ND      | ND      |
| PFOS    | 3.27    | 2.5     | 4.22    | ND      | 2.97    | 2.24    | 7.38    | 2.27    |
| PFDA    | 5.25    | 2.69    | ND      | ND      | ND      | ND      | 3.9     | 2.3     |
| PFNA    | 2.5     | ND      | ND      | ND      | ND      | ND      | 3.37    | ND      |
| PFHpA   | ND      | ND      | 3.68    | ND      | ND      | ND      | ND      | ND      |
| MeFOSAA | ND      | 3.06    | ND      | ND      | 2.54    | ND      | ND      | ND      |
| 6:2 FTS | ND      | ND      | ND      | ND      | ND      | ND      | 3.41    | ND      |



|          | Plant 1 | Plan1 Dup | Plant 2 | Plant 2 Dup | Plant 3 | Plant 3 Dup | Plant 4 | Plant 4 Dup | Plant 5 | Plant 5 Dup | Plant 6 | Plant 6 Dup | Plant 7 | Plant 7 Dup | Plant 8 | Plant 8 Dup | Plant 9 | Plant 9 Dup | Plant 10 |
|----------|---------|-----------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|----------|
| PFOA     | 6.78    | 8.58      | ND      | ND          | ND      | ND          | 4.63    | 3.94        | ND      | ND          | 4.4     | ND          | 18.7    | 18.8        | 2.74    | 3.05        | ND      | ND          | ND       |
| PFOS     | 5.21    | 4.34      | ND      | ND          | ND      | ND          | ND      | ND          | 4.84    | 3.92        | 9.26    | 6.73        | 3.91    | 6.08        | ND      | 2.35        | ND      | ND          | 6.69     |
| Combined | 11.99   | 12.92     | 0       | 0           | 0       | 0           | 4.63    | 3.94        | 4.84    | 3.92        | 13.66   | 6.73        | 22.61   | 24.88       | 2.74    | 5.4         | 0       | 0           | 6.69     |

| Recycled | Plant 1 | Plant 2 | Plant 3 | Plant 4 | Plant 5 | Plant 6 | Plant 7 | Plant 8 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| PFOA     | 66.6    | 9.95    | 12.6    | 6.56    | 7.81    | 9.4     | 14      | 10.5    |
| PFOS     | 3.27    | 2.5     | 4.22    | ND      | 2.97    | 2.24    | 7.38    | 2.27    |
| Combined | 69.87   | 12.45   | 16.82   | 6.56    | 10.78   | 11.64   | 21.38   | 12.77   |

In July 2018, the State Water Resources Control Board (SWRCB) Division of Drinking Water (DDW) established Notification Levels for PFOA and PFOS at 14 ppt and 13 ppt