

# SLR

## CITY OF COLUMBUS PFAS SAMPLING - 2ND ROUND

### REVISED DRAFT COST ESTIMATE

PRIVILEGED & CONFIDENTIAL: PREPARED AT THE REQUEST OF LEGAL COUNSEL

SLR International Corp.

Date:

2/14/2025

Project Manager:

Oren Gottlieb

#### Description

#### Cost

### Summary

Task 1	Project Setup (Including Pre-Sampling Meetings and Trial Run)	\$17,280
Task 2	Sampling and Analysis	\$138,973
Task 3	Detailed Data Analysis, QA, Tables, Presentations, Powerpoint Prep	\$19,620
Task 4	Project Management	\$4,005
<b>Subtotal</b>		<b>\$179,878</b>
<b>Total</b>		<b>\$179,878</b>

Assumes sampling will be performed by City of Columbus personnel with training by SLR and composite samplers provided by the City. Cost assumes the development of a compost sampling plan with the City. Cost also assumes pre-sampling meetings with the City at the facilities. Costs also assume a trial run at a City facility. PFAS composite sampling is relatively complex, and unique PFAS-free parts must be ordered so the sample never contacts the composite sampler. This takes a series of different PFAS-free parts and fittings that need to be ordered, plus a trial run needs to be performed by sampling personnel to confirm that contamination of samples by the composite sampler is not occurring. SLR will train facility personnel to set up the equipment, perform the trial run, and perform the sampling. SLR will have pre-sampling meetings with the City at the WRP and Compost. SLR will also package and deliver samples to lab.

The work will be performed over a two-week period according to the sampling plan provided by the City.

Costs assume a presentation process where SLR will prepare the tables and graphs, provide these to Taft, and Taft can review them with the City to develop a series of questions. Then one presentation will be conducted with SLR, Taft and the City.

If additional presentations are needed, such as if the data comes back differently than previous results or if there are new regulatory/risk-based changes that need to be discussed related to PFAS and wastewater/POTWs, additional evaluation/presentations can be conducted. SLR suggests that the City should assume approximately \$7,500 per additional presentation based on the amount of analysis and evaluation that was performed during the last sampling round for budgeting purposes.

### Task 1 Project Setup (Including Pre-Sampling Meetings and Trial Run)

<u>Labor and Expenses</u>	<u>Rate</u>	<u>Unit</u>	<u>Quantity</u>	
Project Manager	\$220	Hour	30	\$6,600
Senior Scientist	\$135	Hour	40	\$5,400
Staff Scientist	\$120	Hour	20	\$2,400
Subtotal Task 1				\$14,400
Expenses (20%)				\$2,880

Total Task 1				\$17,280
<b>Task 2 Sampling and Analysis</b>				
<u>Labor and Expenses</u>	<u>Rate</u>	<u>Unit</u>	<u>Quantity</u>	
Project Manager	\$220	Hour	30	\$6,600
Senior Scientist	\$135	Hour	60	\$8,100
Staff Scientist	\$105	Hour	60	\$6,300
PFAS Specific Sampling Equipment	\$500	Sample	50	1.15 \$28,750
PFAS Free Water	\$75	Liter	25	1.15 \$2,156
Method 1621 Sample Analytical Cost	\$375	Sample	28	1.15 \$12,075
Method 1633 Sample Analytical Cost	\$440	Sample	77	1.15 \$38,962
Subtotal Task 2				\$102,943
Expenses (35%)				\$36,030
Total Task 2				\$138,973
<b>Task 3 Detailed Data Analysis, QA, Tables, Presentations, Powerpoint Prep</b>				
<u>Labor and Expenses</u>	<u>Rate</u>	<u>Unit</u>	<u>Quantity</u>	
Project Manager	\$220	Hour	30	\$6,600
Senior Scientist	\$195	Hour	35	\$6,825
Principal Scientist	\$195	Hour	15	\$2,925
Subtotal Task 3				\$16,350
Expenses (20%)				\$3,270
Total Task 3				\$19,620
<b>Task 4 Project Management</b>				
<u>Labor and Expenses</u>	<u>Rate</u>	<u>Unit</u>	<u>Quantity</u>	
Project Manager	\$220	Hour	4	\$880
Staff	\$125	Hour	25	\$3,125
Total Task 4				\$4,005