

Cosmo Specialty Fibers Time-Critical Removal Action

Operations Summary 9/7/26 through 9/12/26

Summary of Site Activities

During this reporting period, EPA conducted the following activities:

- Continued treating acidic chemical waste and shipping treated waste off-site for disposal.
- Continued air monitoring in work areas and on the perimeter of the treatment area. Sample results from weak red liquor acids were received and will aid in disposal planning.
- Further evaluation of the contents of tanks with volumes/contents not previously confirmed.
- Continued planning for an upcoming public engagement meeting to take place on 9/16/26 at the Cosmopolis City Hall from 5:30 to 7:00 PM.

Waste Management Log

- As of 9/12/ 2026, just over 175,000 gallons of red liquor had been drained from tanks and treated. Approximately 134,000 gallons have been shipped offsite.

Tank Status Map and Metrics

- Began staging acidic waste chemical totes for treatment the week of 9/14.
- Completed assessment of 5 tanks that had not had their volumes confirmed. Additional hazardous laboratory chemicals were identified during this process and will be included in disposal planning.

Site Photos



EPA contractor collecting a sample from a strong acid tank.



Heavily corroded and improperly sealed hatches (missing or absent bolts) on a tank full of corrosive chemicals.



EPA contractors setting up an air monitoring station to assess the interior atmosphere during building venting operations.



The table below summarizes monitoring data collected using EPA's Viper wireless remote monitoring system.

Project Name: **Cosmo Specialty Fibers TCRA**

From: **9/8/26**
7:00 AM

To: **9/11/26**
5:00 PM

Location	First Reading Time during Report Range	Last Reading Time during Report Range	Instrument	Sensor	Sensor Units	Action Level Exceedance?	Number of Readings	Number of Detections	Number of Exceedances	Min Reading	Max Reading	Period Average	Action Level
AM01	09/08/2026 07:08:29	09/11/2026 17:00:00	SidePakAM520	PM-2.5 (15-min TWA)	mg/m ³	No	82670	82670.	0.	0.003	0.021	0.009	0.035 mg/m ³
	09/08/2026 07:08:30	09/11/2026 16:59:39	xam8000	CO	ppm	No	62036	11907.	0.	0.	5.	1.26	27 ppm
				H2S	ppm	No	62036	0.	0.	0.	0.	0.	0.33 ppm
				LEL	%LEL	No	61939	0.	0.	0.	0.	0.	10 %
				SO2	ppm	Yes	62036	569.	2.	0.	0.2	0.	0.2 ppm
				VOC	ppm	No	62036	0.	0.	0.	0.	0.	9 ppm
AM02	09/08/2026 07:39:31	09/11/2026 17:00:11	xam8000	CO	ppm	No	56641	6516.	0.	0.	15.	0.41	27 ppm
				H2S	ppm	No	56641	0.	0.	0.	0.	0.	0.33 ppm
				LEL	%LEL	No	56630	4.	0.	0.	2.	0.	10 %
				SO2	ppm	Yes	56641	50.	27.	0.	0.3	0.	0.2 ppm
				VOC	ppm	No	56641	0.	0.	0.	0.	0.	9 ppm
	09/08/2026 08:46:15	09/11/2026 17:00:11	SidePakAM520	PM-2.5 (15-min TWA)	mg/m ³	No	78528	78528.	0.	0.003	0.023	0.012	0.035 mg/m ³
AM03	09/08/2026 07:16:54	09/11/2026 17:00:18	xam8000	CO	ppm	Yes	55026	7.	2.	0.	34.	0.	27 ppm
				H2S	ppm	No	55700	0.	0.	0.	0.	0.	0.33 ppm
				LEL	%LEL	No	55469	7.	0.	0.	5.	0.	10 %
				SO2	ppm	Yes	55700	6298.	4201.	0.	0.9	0.04	0.2 ppm
				VOC	ppm	No	55700	0.	0.	0.	0.	0.	9 ppm
AM04	09/08/2026 08:02:26	09/11/2026 17:00:37	SPMFlex	H2SO4	PPB	Yes	217049	4283.	631.	0.	750.	3.	49 ppb

Notes:	TCRA = Time Critical Removal Action	PM Particulate matter	ppm = Parts per million
	mg/m ³ = milligrams per cubic meter	% Percent	ppb = Parts per billion
	Min = Minimum	Max = Maximum	TWA = Time weighted average