



**Stantec Consulting Services Inc.**  
11311 Aurora Avenue  
Des Moines, IA 50322

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**VIA Electronic Mail**

October 23, 2025

Ms. Victoria Frank  
Remedial Project Manager  
United States Environmental Protection Agency, Region 7  
11201 Renner Boulevard  
Lenexa, Kansas 66219

**RE:** 2025 Dry-Run Creek Surface Water and Sediment Sampling Results  
Former Ralston Disposal Site  
Cedar Rapids, Iowa

Dear Ms. Frank,

Pursuant to your request and on behalf of Rockwell Collins, Inc. (Collins), Stantec Consulting Services Inc. (Stantec) is providing this summary of the results of the 2025 sediment and surface water sampling activities conducted in Dry-Run Creek at the Former Ralston Disposal Site in Cedar Rapids, Iowa (site). The Dry-Run Creek sampling activities are associated with implementation of the May 2023, Remedial Action Work Plan Addendum (Addendum) and associated Quality Assurance Project Plan (QAPP), both approved by the Iowa Department of Natural Resources (IDNR) and the United States Environmental Protection Agency (EPA). This update is submitted in response to EPA's October 2, 2025, email regarding status of the Dry-Run Creek assessment and reference to EPA screening values for comparison of the surface water and sediment analytical results.

Stantec field staff completed surface water and sediment sampling activities at Dry-Run Creek on May 28, 2025. Pursuant to the Addendum, sampling of sediment and surface water in Dry-Run Creek is conducted every five years. Sediment (4, total) and surface water (6, total) samples were collected from specified locations along Dry-Run Creek for analysis of volatile organic compounds (VOCs). Field duplicates, equipment blanks, and trip blanks also were collected in accordance with the Addendum. The samples were submitted to Eurofins Environment Testing North Central, LLC (Eurofins), for analysis of VOCs by Method 8260D.

Analytical results for sediment and surface water samples are summarized in Tables 1 and 2, respectively. As requested, the reported analytical results are compared to EPA Region 4 Freshwater Sediment Ecological Screening Values (EVSs) and EPA Region 4 Freshwater Screening Values (Chronic). For each sample, the reported analytical results for the sediment and surface water samples were less than the respective analytical method reporting limits (RLs).

Documentation of the May 2025 Dry-Run Creek sampling activities, including field sampling sheets, a photographic log, chain-of-custody records, laboratory analytical reports, and quality control review, will be included in the 2025 Annual Report for the site.

Reference: 2025 Dry Run Creek Sampling Update

Please feel free to contact me regarding any questions.

Sincerely,

**STANTEC CONSULTING SERVICES INC.**



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**Stephen Varsa, P.G.**  
Principal Geologist/Project Manager  
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/srv:hls

Attachments:

Table 1 – Dry-Run Creek Sediment Analytical Results Summary (May 2025)

Table 2 – Dry-Run Creek Surface Water Analytical Results Summary (May 2025)

cc: Shelly Nellesen, IDNR  
Kristen Musgrove, RTX

# **TABLES**

TABLE 1

**DRY-RUN CREEK SEDIMENT ANALYTICAL RESULTS SUMMARY (MAY 2025)  
FORMER RALSTON DISPOSAL SITE - CEDAR RAPIDS**

Dry-Run Creek Sediment Samples (May 2025)							
Compound	Location ID: Sample Date: Units	EPA Region 4 ESV Freshwater Sediment Screening for Narcotic Mode of Action (2018) <sup>a</sup>	DRC01-SD-0525	DRC02-SD-0525	DRC03-SD-0525	DRC04-SD-0525	DRC05-SD-0525
			5/28/2025	5/28/2025	5/28/2025	5/28/2025	(DUP) 5/28/2025
Acetone	µg/kg	65	<142	<104	<141	<156	<131
Benzene	µg/kg	10	<14.2	<10.4	<14.1	<15.6	<13.1
Bromodichloromethane	µg/kg	NE	<14.2	<10.4	<14.1	<15.6	<13.1
Bromoform	µg/kg	NE	<28.4	<20.7	<28.2	<31.2	<26.1
Bromomethane	µg/kg	NE	<56.8	<41.5	<56.3	<62.5	<52.3
2-Butanone	µg/kg	7,604	<56.8	<41.5	<56.3	<62.5	<52.3
Carbon disulfide	µg/kg	7.8	<14.2	<10.4	<14.1	<15.6	<13.1
Carbon tetrachloride	µg/kg	57	<14.2	<10.4	<14.1	<15.6	<13.1
Chlorobenzene	µg/kg	30	<14.2	<10.4	<14.1	<15.6	<13.1
Chlorodibromomethane	µg/kg	NE	<14.2	<10.4	<14.1	<15.6	<13.1
Chloroethane	µg/kg	NE	<56.8	<41.5	<56.3	<62.5	<52.3
Chloroform	µg/kg	87	<14.2	<10.4	<14.1	<15.6	<13.1
Chloromethane	µg/kg	NE	<56.8	<41.5	<56.3	<62.5	<52.3
1,2-Dichlorobenzene	µg/kg	95	<14.2	<10.4	<14.1	<15.6	<13.1
1,3-Dichlorobenzene	µg/kg	89	<14.2	<10.4	<14.1	<15.6	<13.1
1,4-Dichlorobenzene	µg/kg	39	<14.2	<10.4	<14.1	<15.6	<13.1
1,1-Dichloroethane	µg/kg	20	<14.2	<10.4	<14.1	<15.6	<13.1
1,2-Dichloroethane	µg/kg	986	<14.2	<10.4	<14.1	<15.6	<13.1
1,1-Dichloroethene	µg/kg	100	<14.2	<10.4	<14.1	<15.6	<13.1
cis-1,2-Dichloroethene	µg/kg	432	<14.2	<10.4	<14.1	<15.6	<13.1
trans-1,2-Dichloroethene	µg/kg	389	<14.2	<10.4	<14.1	<15.6	<13.1
1,2-Dichloropropane	µg/kg	428	<14.2	<10.4	<14.1	<15.6	<13.1
cis-1,3-Dichloropropene	µg/kg	1.5	<14.2	<10.4	<14.1	<15.6	<13.1
trans-1,3-Dichloropropene	µg/kg	NE	<14.2	<10.4	<14.1	<15.6	<13.1
Ethylbenzene	µg/kg	290	<14.2	<10.4	<14.1	<15.6	<13.1
2-Hexanone	µg/kg	45	<56.8	<41.5	<56.3	<62.5	<52.3
Methylene chloride	µg/kg	18	<14.2	<10.4	<14.1	<15.6	<13.1
Methyl-tert-butyl Ether (MTBE)	µg/kg	304	<14.2	<10.4	<14.1	<15.6	<13.1
Naphthalene	µg/kg	176	<71.1	<51.9	<70.4	<78.1	<65.3
1,1,2,2-Tetrachloroethane	µg/kg	250	<14.2	<10.4	<14.1	<15.6	<13.1
Tetrachloroethene	µg/kg	2	<14.2	<10.4	<14.1	<15.6	<13.1
Toluene	µg/kg	10	<14.2	<10.4	<14.1	<15.6	<13.1
1,1,1-Trichloroethane	µg/kg	70	<14.2	<10.4	<14.1	<15.6	<13.1
1,1,2-Trichloroethane	µg/kg	538	<14.2	<10.4	<14.1	<15.6	<13.1
Trichloroethene	µg/kg	78	<14.2	<10.4	<14.1	<15.6	<13.1
Vinyl chloride	µg/kg	482	<28.4	<20.7	<28.2	<31.2	<26.1
Xylenes, Total	µg/kg	130	<28.4	<20.7	<28.2	<31.2	<26.1

**Notes:**

DRC05-SD-0525 (DUP) is a blind duplicate of DRC02-SD-0525.

<sup>a</sup> EPA Region 4 Ecological Risk Assessment Supplemental Guidance: Table 2b Sediment Screening Values for Hazardous Waste Sites for Narcotic Mode of Action Freshwater ESV (March 2018).

µg/kg = Microgram(s) per kilogram.

ESV = Ecological Screening Value.

NE = Not established.

TABLE 2

**DRY-RUN CREEK SURFACE WATER ANALYTICAL RESULTS SUMMARY (May 2025)**  
**FORMER RALSTON DISPOSAL SITE - CEDAR RAPIDS, IOWA**

Dry-Run Creek Surface Water Samples (May 2025)										
Compound	Sample Date: Units	EPA Region 4 Surface	EPA Region 4 Surface Water	DRC01- SW-0525	DRC02- SW-0525	DRC03- SW-0525	DRC04- SW-0525	DRC05- SW-0525 (DUP)	DRC06- SW-0525	DRC07- SW-0525
		Water Screening Values for Hazardous Waste Sites	Screening Values for Narcotic Mode of Action Freshwater & Saltwater Chronic (2018) <sup>b</sup>							
	Well ID:	Freshwater Chronic (2018) <sup>a</sup>	Saltwater Chronic (2018) <sup>b</sup>	5/28/2025	5/28/2025	5/28/2025	5/28/2025	5/28/2025	5/28/2025	5/28/2025
Acetone	µg/L	1,700	117,629	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Benzene	µg/L	160	2,173	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	µg/L	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoform	µg/L	230	NE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	µg/L	16	NE	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
2-Butanone	µg/L	22,000	65,695	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Carbon disulfide	µg/L	15	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	µg/L	77	955	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Chlorobenzene	µg/L	25	356	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chlorodibromomethane	µg/L	NE	NE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	µg/L	NE	NE	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Chloroform	µg/L	140	5,417	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Chloromethane	µg/L	NE	NE	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
1,2-Dichlorobenzene	µg/L	23	115	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	µg/L	9.4	115	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	µg/L	410	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	µg/L	2,000	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethene	µg/L	130	1,217	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
cis-1,2-Dichloroethene	µg/L	620	1,629	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	µg/L	558	1,629	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	µg/L	520	1,064	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,3-Dichloropropene	µg/L	1.7	NE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	µg/L	1.7	NE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	µg/L	61	308	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
2-Hexanone	µg/L	99	16,871	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
4-Methyl-2-pentanone	µg/L	170	19,142	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Methylene chloride	µg/L	1,500	5,697	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl-tert-butyl Ether (MTBE)	µg/L	730	30,618	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Naphthalene	µg/L	21	NE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	µg/L	200	1,784	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	µg/L	53	332	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Toluene	µg/L	62	786	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	µg/L	76	496	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	µg/L	730	2,097	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	µg/L	220	763	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Vinyl chloride	µg/L	930	2,276	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Xylenes, Total	µg/L	27	260	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00

**Notes:**

DRC05-SW-0525 (DUP) is a blind duplicate of DRC04-SW-0525

µg/L = Microgram(s) per liter.

<sup>a</sup> EPA Region 4 Ecological Risk Assessment Supplemental Guidance: Table 1a Surface Water Screening Values for Hazardous Waste Sites Freshwater - Chronic (March 2018).<sup>b</sup> EPA Region 4 Ecological Risk Assessment Supplemental Guidance: Table 1d Surface Water Screening Values for Narcotic Mode of Action Freshwater & Saltwater - Chronic (March 2018).

NE = Not established.