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September 10, 2025

Solid Waste Program
Florida Department of Environmental Protection, Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Submitted via email to: DEP_CD@dep.state.fl.us

Re: 2nd Semi-Annual 2025 Water Quality Monitoring Event - Notice of Exceedances
ACMS, Inc. Heart of Florida Class I Landfill (ACMS Facility)
Permit No. 161263-014-SO-01
WACS Facility ID: 85764

To Whom it May Concern:

The purpose of this letter is to inform the Florida Department of Environmental Protection (FDEP) that monitoring parameters exceeded the Department's water quality standards in some of the groundwater monitoring wells at the ACMS Facility during the 2nd semi-annual 2025 water quality monitoring event performed in July 2025.

In accordance with 62-701.510(6)(a), Florida Administrative Code (F.A.C.), the Department is being notified of these findings within 14 days of receipt of the analytical laboratory results. A brief summary of the exceeded monitoring parameters is presented below. Analytical results are provided on the attached table (Table 3).

Benzene – Benzene was reported above the GCTL of 1 µg/L in monitoring wells MW-6A (5 µg/L), MW-7A (620 µg/L), MW-8A (860 µg/L), MW-11 (26 µg/L), and MW-12 (35 µg/L). The exceedances at MW-6A, MW-8A, MW-11, and MW-12 are considered anomalous compared to historical data and these wells will be resampled for benzene in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

Chloride – Chloride was reported above the SDWS of 250 (mg/L) in monitoring well MW-8A (900 mg/L). The exceedance at MW-8A is considered anomalous compared to historical data and monitoring well MW-8A will be resampled for chloride in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

Iron – Iron was reported above the SDWS of 300 µg/L in monitoring wells MW-5A (3,700 µg/L), MW-6A (2,100 µg/L), MW-7A (11,000 µg/L), MW-8A (21,000 µg/L), and MW-11

(580 µg/L). Based on historical data, wells MW-5A, MW-6A, MW-7A, and MW-11 will not be resampled for iron and the reported concentrations will be considered representative of current conditions. However, the exceedance at MW-8A is considered anomalous compared to historical data and this well will be resampled for iron in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

Nickel – Nickel was reported above the PDWS of 100 (µg/L) in monitoring well MW-8A (110 µg/L). The exceedance at MW-8A is considered anomalous compared to historical data and monitoring well MW-8A will be resampled for nickel in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

Nitrate – Nitrate was reported above the PDWS of 10 (mg/L) in monitoring well MW-5A (25 mg/L). The exceedance at MW-5A is considered anomalous compared to historical data and monitoring well MW-5A will be resampled for nitrate in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

Sodium – Sodium was reported above the PDWS of 160 (mg/L) in monitoring well MW-8A (160 mg/L). The exceedance at MW-8A is considered anomalous compared to historical data and monitoring well MW-8A will be resampled for sodium in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

Total Dissolved Solids (TDS) – TDS concentrations were reported above the SDWS of 500 mg/L in monitoring wells MW-5A (590 mg/L), MW-7A (940 mg/L), and MW-8A (3,200 mg/L). Based on historical data, wells MW-5A and MW-7A will not be resampled for TDS and the reported concentrations will be considered representative of current conditions. However, the exceedance at MW-8A is considered anomalous compared to historical data and this well will be resampled for TDS in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

Vanadium – Vanadium was reported above the GCTL of 49 (µg/L) in monitoring well MW-8A (89 µg/L). The exceedance at MW-8A is considered anomalous compared to historical data and monitoring well MW-8A will be resampled for vanadium in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

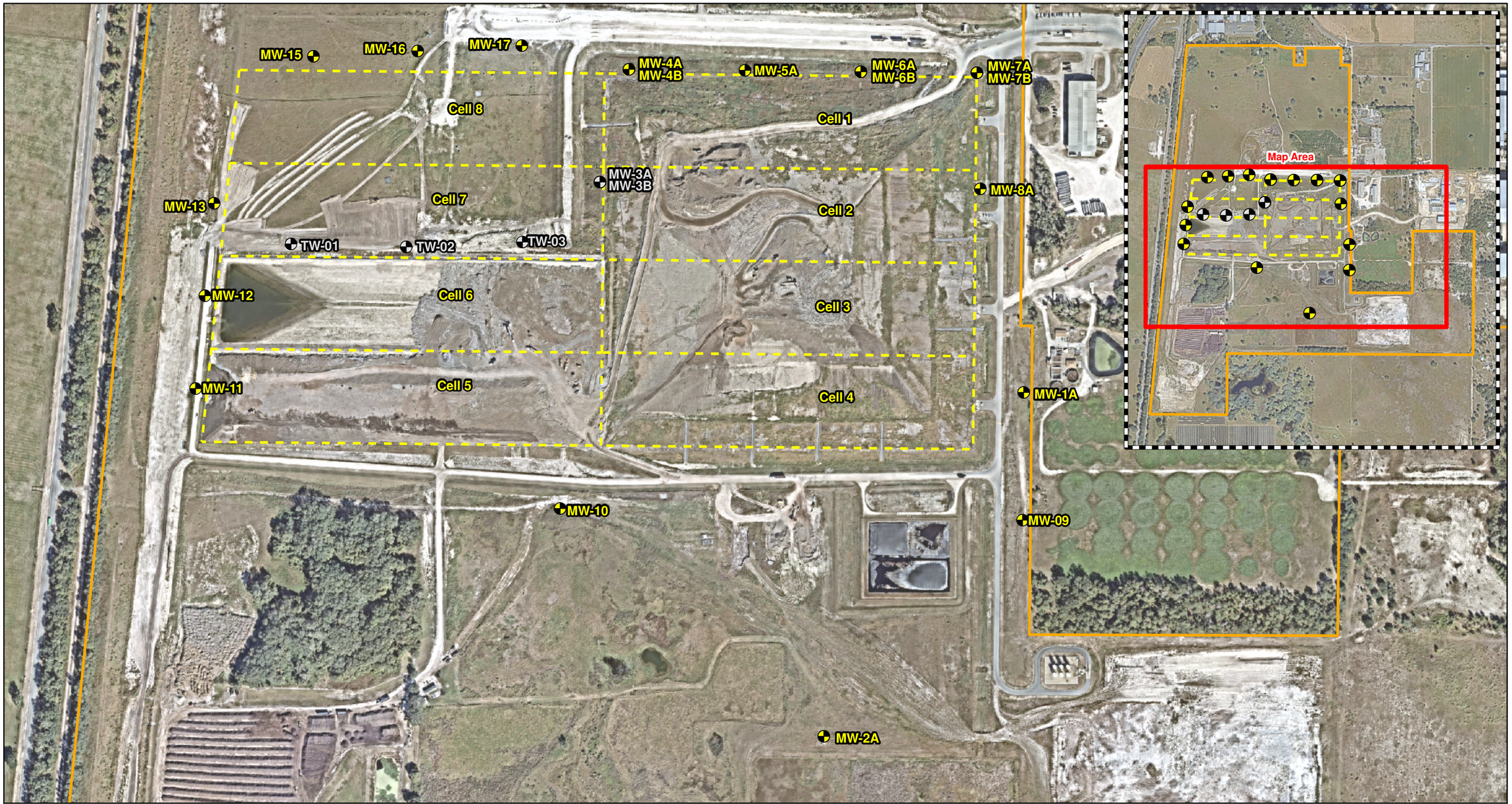
If you have any questions or need additional information, please contact Don Grigg at (904) 252-7020 or by email at Don.Grigg@WasteConnections.com or contact the undersigned at (727) 253-9423.

Sincerely,

Daniel Montiel, Ph.D., P.G.
Project Scientist

cc: D. Grigg, ACMS/Waste Connections
M. Wissler, Geosyntec
J. Terry, Montrose Environmental Solutions
Dale Melton, FDEP

Attachments:
Figure 1 – Site Map Indicating Well Locations and Landfill Cells
Table 3 – Summary of Groundwater Analytical Data, 2nd Semi-Annual 2025 Water Quality Monitoring Event



Legend

- Abandoned Monitoring Well
- Monitoring Well
- Landfill Cell Boundary
- HOF Landfill Boundary

Note:
Aerial photograph Source: Nearmap, HERE; captured 5 November 2023.

N

0 400 Feet

Site Map

HOF Landfill Facility
Lake Panasoffkee, FL

Geosyntec consultants

Clearwater, FL | February 2025

Figure 1

Path: (Titusville-01\DATA) \\Titusville-01\Data\0GIS\FL3850_HOF_Landfill\MXDs\202502\WellLocationMap_202502.mxd 06 February 2025. Last Edited by: MHensley

Table 3 - Summary of Grondwater Analytical Data
2025 2nd Semi-Annual Water Quality Monitoring Event
ACMS Heart of Florida Class I Landfill
Lake Panasoffkee, Florida

Well ID	Benzene		Iron		Nickel		Sodium		Vanadium		Chloride		Nitrate		TDS
	PDWS (µg/L)		SDWS (µg/L)		PDWS (µg/L)		PDWS (mg/L)		GCTL (µg/L)		SDWS (mg/L)		PDWS (mg/L)		SDWS (mg/L)
	1		**300**		**100**		**160**		**49**		**250**		**10**		**500**
MW-1A	0.25	U	200	U	10	U	3.1	I	4.8	I	2.8	I	0.5	I	49
MW-2A	0.25	U	200	U	10	U	2.9	I	2.1	I	3.8	I	1.9		96
MW-4A	0.30	I	200	U	10	U	5.4		2.0	U	29		0.2	U	120
MW-5A	0.39	I	3,700		10	U	53		6.5	I	62		25		590
MW-6A	5		2,100		10	U	62		4.1	I	110		0.2	I	340
MW-7A	620		11,000		10	U	66		2.8	I	100		0.7	I	940
MW-7A (DUP)	630		11,000		10	U	68		2.9	I	100		0.7	I	880
MW-8A	860		21,000		110		750		89		900		4.0	U	3,200
MW-9	0.25	U	200	U	10	U	0.8	U	7.0	I	17		0.7	I	190
MW-10	0.25	U	200	U	10	U	6.5		6.9	I	10		0.7	I	83
MW-11	26		580	I	10	U	6.8		2.0	U	15		0.2	U	200
MW-12	35		200	U	10	U	2.4	I	2.0	U	2.3	I	3.2		67
MW-13	0.25	U	200	U	10	U	3.6		2.0	U	5.8	I	7.0		84
MW-15	0.25	U	200	U	10	U	2.3	I	9.9		3.9	I	1.0		110
MW-16	0.25	U	200	U	10	U	1.4	I	6.2	I	2.0	U	0.2	I	120
MW-17	0.25	U	200	U	10	U	3.2	I	3.3	I	3.2	I	0.8	I	120

Notes:

U indicates the sample was analyzed but not detected above the laboratory method detection limit (MDL)

I indicates reported value is between the laboratory MDL and the laboratory practical quantitation limit

GCTL indicates Groundwater Cleanup Target Level

PDWS indicates Primary Drinking Water Standard

SDWS indicates Secondary Drinking Water Standard