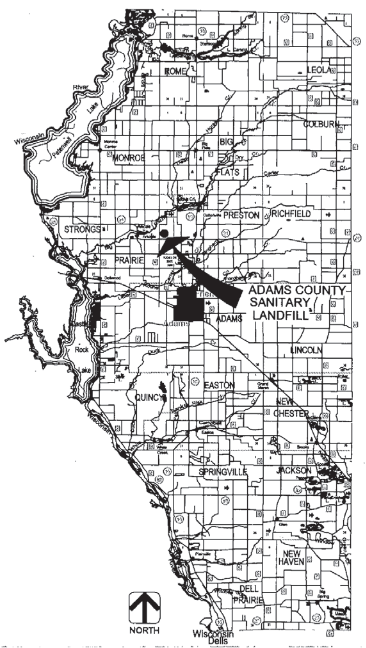
APPENDIX C1: DRAWINGS

Sheet No.	Title	Notes
Plan Sheet 01	Title Sheet	Prepared by Ayres Associates in September 2022, Includes PE and PG seals dated 10/21/2025
Plan Sheet 01R	Cover Sheet	Revised for Addendum No. 1 – Prepared by Tetra Tech
Plan Sheet 02R	Existing Conditions	Revised for Addendum No. 1 – Prepared by Tetra Tech
Plan Sheet 25R	Environmental Monitoring Plan	Revised for Addendum No. 1 – Prepared by Tetra Tech

Note: with the exception of the “R” designated sheets noted above, all other drawing sheets prepared by Ayres Associates as part of the original February 2023 Feasibility Report submittal remain unchanged.

FEASIBILITY REPORT
ADAMS COUNTY SANITARY LANDFILL
ADAMS COUNTY, WISCONSIN
SEPTEMBER 2022



ADAMS COUNTY

VICINITY MAP
NOT TO SCALE
NORTH

SHEET SCHEDULE

SHEET NO	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS
3	GEOLOGIC INVESTIGATION SITE PLAN
4	GEOLOGIC CROSS SECTION A - A'
5	GEOLOGIC CROSS SECTION B - B'
6	GEOLOGIC CROSS SECTION C - C'
7	GEOLOGIC CROSS SECTION D - D'
8	GEOLOGIC CROSS SECTION E - E'
9	GEOLOGIC CROSS SECTION F - F'
10	GEOLOGIC CROSS SECTION G - G'
11	GEOLOGIC CROSS SECTION H - H'
12	GEOLOGIC CROSS SECTION I - I'
13	GEOLOGIC CROSS SECTION J - J'
14	GEOLOGIC CROSS SECTION K - K'
15	GEOLOGIC CROSS SECTION L - L' (GROUNDWATER FLOW)
16	GEOLOGIC CROSS SECTION M - M' (GROUNDWATER FLOW)
17	GEOLOGIC CROSS SECTION N - N' (GROUNDWATER FLOW)
18	GROUNDWATER CONTOURS (HIGHEST) 9/4-6/2019
19	GROUNDWATER CONTOURS (LOWEST) 12/17/2015
20	HORIZONTAL GROUNDWATER FLOW NET
21	HYDROLOGIC CROSS SECTION I - I' WITH VERTICAL FLOW NET
22	PROPOSED LEACHATE COLLECTION SYSTEM PLAN
23	PROPOSED FINAL CONTOURS AND SURFACE WATER CONTROL
24	CAP PHASING PLAN

NOTE: THESE PLANS ARE ACCOMPANIED BY A FEASIBILITY REPORT OF THE SAME NAME AND DATE. THESE DOCUMENTS ARE INTERRELATED AND ARE INTENDED TO BE USED TOGETHER.

WISCONSIN
LISA A. FLEMING
24918
EAU CLAIRE
WI
PROFESSIONAL ENGINEER

Lisa A. Fleming
Oct 21, 2025

WISCONSIN
LOGAN C. SEIPEL
PG-1424
EAU CLAIRE
WI
PROFESSIONAL GEOLOGIST

Oct 24, 2025

DES BY	MGL/LS	BOOK NO	
DR BY	MAY	PROJ NO	52-0755.51
CHK BY	BJP/NAB	DATE	SEPT. 2022

NO	DATE	REVISION	NO	DATE	REVISION

FEASIBILITY REPORT
ADAMS COUNTY SANITARY LANDFILL
ADAMS COUNTY, WISCONSIN

AYRES
Eau Claire, WI 54701
715.834.3161

TITLE SHEET

SHEET NO. 1

Grayscale.ctb
10/7/2022
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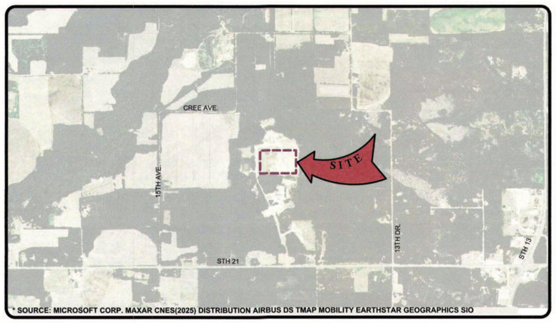
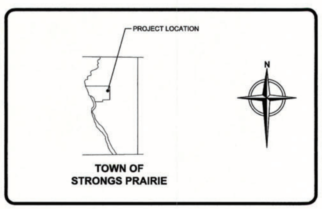
FEASIBILITY REPORT
VERTICAL EXPANSION

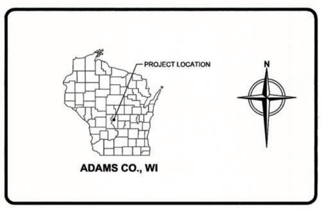
PREPARED FOR
ADAMS COUNTY SOLID WASTE DEPARTMENT
ADAMS COUNTY SANITARY LANDFILL

TOWN OF STRONGS PRAIRIE,
ADAMS COUNTY, WISCONSIN

FEBRUARY 2023 (AYRES)
OCTOBER 2025 (TETRA TECH)







LOCATION MAPS

PREPARED BY:

TETRA TECH

8040 EXCELSIOR DRIVE
SUITE 305
MADISON, WISCONSIN, 53717
Tel. (877) 294-9070

PROJECT NO. 4251274

INDEX OF DRAWINGS

01R	COVER SHEET	⚠1
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06	GEOLOGIC CROSS SECTION C-C	
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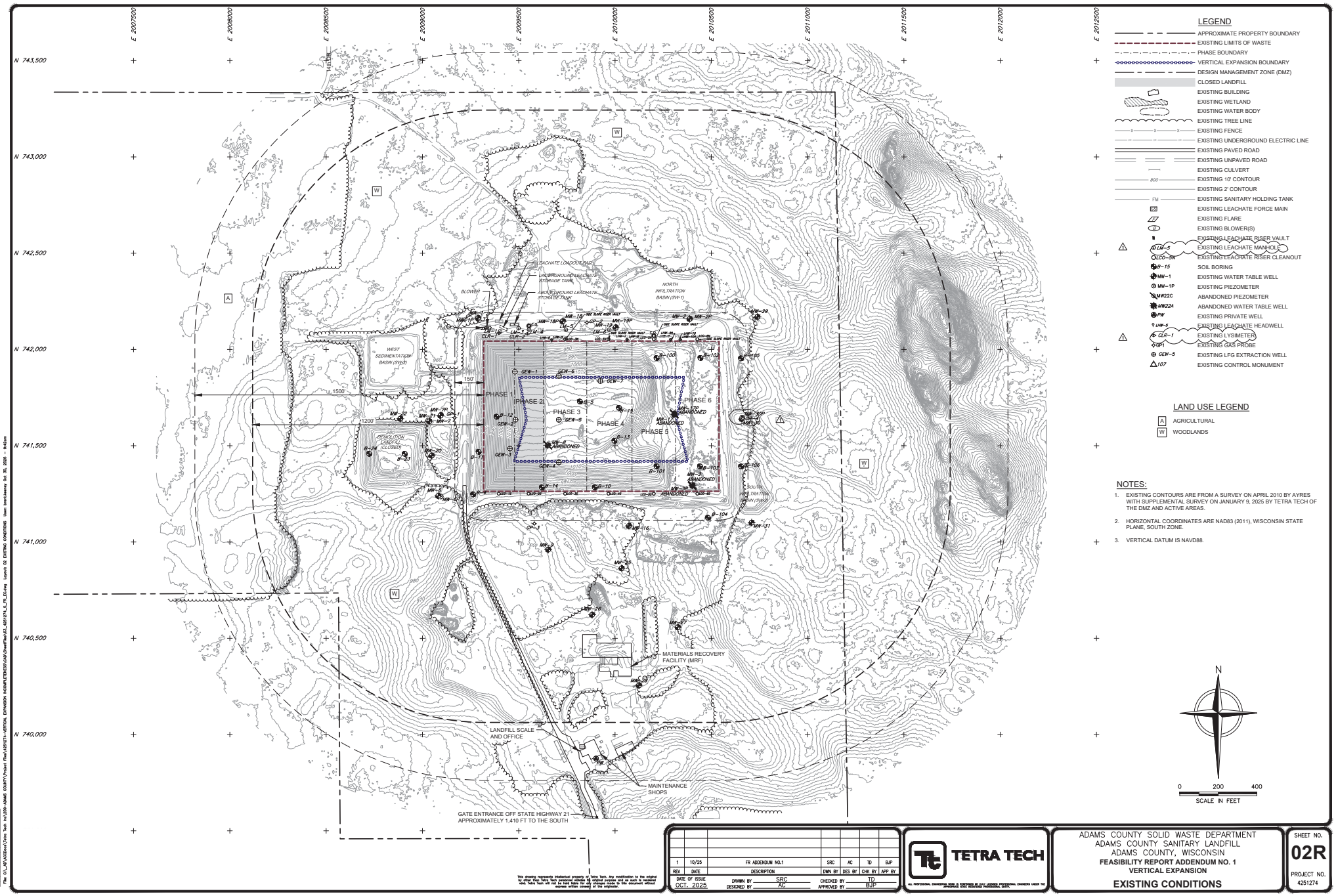
25R	ENVIRONMENTAL MONITORING PLAN	⚠1

⚠1 REPLACEMENT DRAWING FOR THE ADAMS COUNTY SANITARY LANDFILL, FEASIBILITY REPORT BY AYRES ASSOCIATES (SEPTEMBER 2022).

WISCONSIN BENJAMIN J. PEOTTER E-36784 MADISON WI PROFESSIONAL ENGINEER

10-31-25

WISCONSIN LUCAS R. SPEEKETER PG-1400 MADISON WI PROFESSIONAL GEOLOGIST



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- EXISTING LIMITS OF WASTE
- PHASE BOUNDARY
- VERTICAL EXPANSION BOUNDARY
- DESIGN MANAGEMENT ZONE (DMZ)
- CLOSED LANDFILL
- EXISTING BUILDING
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- ABANDONED PIEZOMETER
- ABANDONED WATER TABLE WELL
- EXISTING PRIVATE WELL
- EXISTING LEACHATE HEADWELL
- EXISTING LYSIMETER
- EXISTING GAS PROBE
- EXISTING LFG EXTRACTION WELL
- EXISTING CONTROL MONUMENT

LAND USE LEGEND

- A AGRICULTURAL
- W WOODLANDS

NOTES:

1. EXISTING CONTOURS ARE FROM A SURVEY ON APRIL 2010 BY AYRES WITH SUPPLEMENTAL SURVEY ON JANUARY 9, 2025 BY TETRA TECH OF THE DMZ AND ACTIVE AREAS.
2. HORIZONTAL COORDINATES ARE NAD83 (2011), WISCONSIN STATE PLANE, SOUTH ZONE.
3. VERTICAL DATUM IS NAVD88.

N

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SCALE IN FEET

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
1	10/25	FR ADDENDUM NO.1	SRC	AC	TD	BJP

DATE OF ISSUE: OCT. 2025
DRAWN BY: SRC
DESIGNED BY: AC
CHECKED BY: TD
APPROVED BY: BJP

TETRA TECH

ALL PROFESSIONAL ENGINEERING WORK IS PERFORMED BY DULY LICENSED PROFESSIONAL ENGINEERS UNDER THE APPROPRIATE STATE REGISTERED PROFESSIONAL BOARD.

ADAMS COUNTY SOLID WASTE DEPARTMENT
ADAMS COUNTY SANITARY LANDFILL
ADAMS COUNTY, WISCONSIN
FEASIBILITY REPORT ADDENDUM NO. 1
VERTICAL EXPANSION
EXISTING CONDITIONS

SHEET NO. **02R**
PROJECT NO. 4251274

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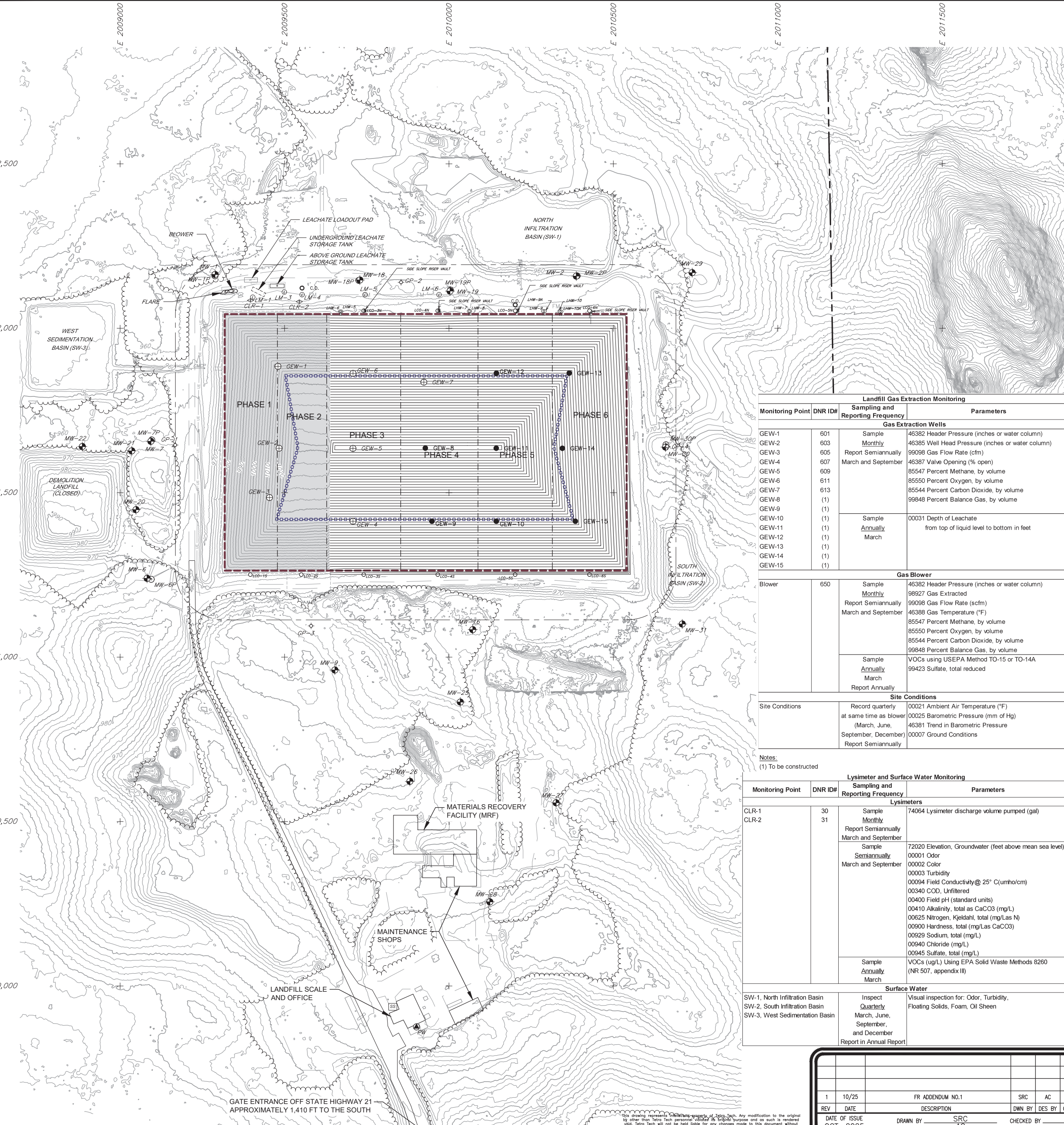
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LEACHATE LOADOUT PAD
BLOWER
UNDERGROUND LEACHATE STORAGE TANK
ABOVE GROUND LEACHATE STORAGE TANK
NORTH INFILTRATION BASIN (SW-1)
FLARE
WEST SEDIMENTATION BASIN (SW-3)
DEMOLITION LANDFILL (CLOSED)
PHASE 1
PHASE 2
PHASE 3
PHASE 4
PHASE 5
PHASE 6
SOUTH INFILTRATION BASIN (SW-2)
MATERIALS RECOVERY FACILITY (MRF)
MAINTENANCE SHOPS
LANDFILL SCALE AND OFFICE
GATE ENTRANCE OFF STATE HIGHWAY 21 APPROXIMATELY 1,410 FT TO THE SOUTH

Groundwater Monitoring				
Wells	**DNR ID#**	**WUWN**	**Sampling and Reporting Frequency**	**Parameters**
Non-Subtitle D Wells				
MW-1	1	DM435	Sample	72020 Elevation, Groundwater (feet above mean sea level)
MW-1P	2	DM436	Semiannually	00001 Odor
MW-2	3	DM437	March and September	00002 Color
MW-2P	4	DM438		00003 Turbidity
MW-6	7	DM441		00010 Temperature, of water taken in field °C
MW-6P	8	DM442		00094 Field Conductivity @ 25°C (umho/cm)
MW-7P	10	DM444		00400 Field pH (standard units)
MW-9	12	DM446		00941 Chloride, filtered (mg/L)
MW-18P	17	DM451		00946 Sulfate, filtered (mg/L)
MW-19	18	DM452		22413 Total Hardness, filtered (mg/L)
MW-19P	19	DM453		39036 Alkalinity, filtered (mg/L)
MW-20	40	EI302		
MW-21	41	EI303		
MW-22	42	EI304		
MW-29	49	VP147	Sample	VOCs (ug/L) Using EPA Solid Waste Method 8260
MW-30P	51	VP145	Annually	
MW-31	52	VP146	March	
Subtitle D Wells				
MW-7	9	DM443	Sample	72020 Elevation, Groundwater (feet above mean sea level)
MW-16	13	DM447	Semiannually	00001 Odor
MW-18	16	DM450	March and September	00002 Color
MW-30	50	VP144		00003 Turbidity
				00010 Temperature, of water taken in field 0c
				00094 Field Conductivity @ 25°C (umho/cm)
				00400 Field pH (standard units)
				00941 Chloride, filtered (mg/L)
				00946 Sulfate, filtered (mg/L)
				22413 Total Hardness, filtered (mg/L)
				39036 Alkalinity, filtered (mg/L)
				VOCs (ug/L) Using EPA Solid Waste Method 8260
Groundwater Elevation Only				
MW-25	45	GN076	Sample	72020 Elevation, Groundwater (feet above mean sea level)
MW-26	46	GN077	Semiannually	
MW-27	47	GN078	March and September	
MW-28	48	GN079		

Landfill Gas Extraction Monitoring			
Monitoring Point	**DNR ID#**	**Sampling and Reporting Frequency**	**Parameters**
Gas Extraction Wells			
GEW-1	601	Sample	46382 Header Pressure (inches or water column)
GEW-2	603	Monthly	46385 Well Head Pressure (inches or water column)
GEW-3	605	Report Semiannually	99098 Gas Flow Rate (cfm)
GEW-4	607	March and September	46387 Valve Opening (% open)
GEW-5	609		85547 Percent Methane, by volume
GEW-6	611		85550 Percent Oxygen, by volume
GEW-7	613		85544 Percent Carbon Dioxide, by volume
GEW-8	(1)		99848 Percent Balance Gas, by volume
GEW-9	(1)		
GEW-10	(1)	Sample	00031 Depth of Leachate
GEW-11	(1)	Annually	from top of liquid level to bottom in feet
GEW-12	(1)	March	
GEW-13	(1)		
GEW-14	(1)		
GEW-15	(1)		
Gas Blower			
Blower	650	Sample	46382 Header Pressure (inches or water column)
		Monthly	98927 Gas Extracted
		Report Semiannually	99098 Gas Flow Rate (scfm)
		March and September	46388 Gas Temperature (°F)
			85547 Percent Methane, by volume
			85550 Percent Oxygen, by volume
			85544 Percent Carbon Dioxide, by volume
			99848 Percent Balance Gas, by volume
		Sample	VOCs using USEPA Method TO-15 or TO-14A
		Annually	99423 Sulfate, total reduced
		March	
		Report Annually	
Site Conditions			
Site Conditions		Record quarterly	00021 Ambient Air Temperature (°F)
		at same time as blower	00025 Barometric Pressure (mm of Hg)
		(March, June,	46381 Trend in Barometric Pressure
		September, December)	00007 Ground Conditions
		Report Semiannually	

Notes:
(1) To be constructed

Lysimeter and Surface Water Monitoring			
Monitoring Point	**DNR ID#**	**Sampling and Reporting Frequency**	**Parameters**
Lysimeters			
CLR-1	30	Sample	74064 Lysimeter discharge volume pumped (gal)
CLR-2	31	Monthly	
		Report Semiannually	
		March and September	
		Sample	72020 Elevation, Groundwater (feet above mean sea level)
		Semiannually	00001 Odor
		March and September	00002 Color
			00003 Turbidity
			00094 Field Conductivity@ 25° C(umho/cm)
			00340 COD, Unfiltered
			00400 Field pH (standard units)
			00410 Alkalinity, total as CaCO3 (mg/L)
			00625 Nitrogen, Kjeldahl, total (mg/Las N)
			00900 Hardness, total (mg/Las CaCO3)
			00929 Sodium, total (mg/L)
			00940 Chloride (mg/L)
			00945 Sulfate, total (mg/L)
		Sample	VOCs (ug/L) Using EPA Solid Waste Methods 8260
		Annually	(NR 507, appendix III)
		March	
Surface Water			
SW-1, North Infiltration Basin		Inspect	Visual inspection for: Odor, Turbidity,
SW-2, South Infiltration Basin		Quarterly	Floating Solids, Foam, Oil Sheen
SW-3, West Sedimentation Basin		March, June,	
		September,	
		and December	
		Report in Annual Report	

Leachate Characteristic Monitoring			
Monitoring Point	**DNR ID#**	**Sampling and Reporting Frequency**	**Parameters**
Leachate Tank	35	Record	00032 Leachate Volume Pumped (1000s of gallons)
Pump Man Hole		Monthly	99723 Leachate Volume Recirculated (1000s of gallons)
		Report Semiannually	
		March and September	
		Sample	00094 Field Conductivity@ 25°C (umho/cm)
		Quarterly	00310 BOD (5 day@20°C (mg/L)
		March, June,	00340 COD, unfiltered (mg/L)
		September,	00400 Field pH, (standard units)
		and December	00410 Alkalinity, total as CaCO3 (mg/L)
			00610 Nitrogen, Ammonia, total (mg/Las N)
			00900 Hardness, total (mg/Las CaCO3)
		Sample	00150 Suspended Solids, total (mg/l)
		Semiannually	00625 Nitrogen, Kjeldahl, total (mg/Las N)
		March and September	00929 Sodium, total (mg/L)
			00940 Chloride, total (mg/L)
			00945 Sulfate, total (mg/L)
			01027 Cadmium, total (ug/1)
			01051 Lead, total (mg/L)
			01055 Manganese, total (mg/L)
			71900 Mercury, total (mg/L)
			74010 Iron, total (mg/L)
			VOCs (ug/L) Using EPA Solid Waste Method 8260
			(NR 507, appendix III)
		Sample	Semi-volatiles, using EPA Method SW-8270
		Annually	(NR 507, appendix IV)
		March	

Leachate Headlevel and Volume Monitoring			
Monitoring Point	**DNR ID#**	**Sampling and Reporting Frequency**	**Parameters**
Leachate Headwells			
LHW-5	24	Sample	00031 Depth of Leachate
LHW-6	25	Monthly	from top of liquid level to bottom in feet
LHW-7	26	Report Semiannually	99423 Elevation, Leachate Head
LHW-8	27		feet above mean sea level
LHW-9	28		
LHW-9A	400		
LHW-10	29		
LHW-10A	402		
Leachate Manholes / Extraction Vaults			
LM3		Sample	00032 Leachate Volume Pumped
LM4		Monthly	99723 Leachate Volume Recirculated
LM5		Report Semiannually	
LM6			

Landfill Gas Monitoring Probes & Settlement Monitoring			
Monitoring Point	**DNR ID#**	**Sampling and Reporting Frequency**	**Parameters**
Gas Monitoring Probes			
GP-1	36	Sample	85547 Percent Methane, by volume
GP-2	37	Quarterly	85550 Percent Oxygen, by volume
GP-3	38	March, June,	
GP-4	39	September,	
		and December	
Landfill Settlement			
Survey Final Cover at		Measure	99422 Elevation, Ground Surface
Grid Stations or equivalent		Annually	feet above mean sea level
100-ft grid coordinates		June	
		Until 5 years after	
		closure; then every 5	
		years	
		Report in Annual Report	

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- EXISTING LIMITS OF WASTE
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- VERTICAL EXPANSION BOUNDARY
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- EXISTING TREE LINE
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- EXISTING PAVED ROAD
- EXISTING UNPAVED ROAD
- EXISTING CULVERT
- 800 — EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- FM — EXISTING SANITARY HOLDING TANK
- EXISTING LEACHATE FORCE MAIN
- F — EXISTING FLARE
- B — EXISTING BLOWER(S)
- EXISTING LEACHATE RISER VAULT
- LM-5 — EXISTING LEACHATE MANHOLE
- LCO-5N — EXISTING LEACHATE RISER CLEANOUT
- B-15 — SOIL BORING
- MW-1 — EXISTING WATER TABLE WELL
- MW-1P — EXISTING PIEZOMETER
- PW — EXISTING PRIVATE WELL
- LHW-5 — EXISTING LEACHATE HEADWELL
- CLR-1 — EXISTING LYSIMETER
- GP1 — EXISTING GAS PROBE
- GEW-5 — EXISTING LFG EXTRACTION WELL
- 107 — EXISTING CONTROL MONUMENT
- GEW-10 — PROPOSED LFG EXTRACTION WELL

NOTES:

1. EXISTING CONTOURS ARE FROM A SURVEY ON APRIL 2010 BY AYRES WITH SUPPLEMENTAL SURVEY ON JANUARY 9, 2025 BY TETRA TECH OF THE DMZ AND ACTIVE AREAS.
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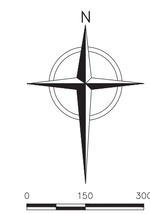

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
1	10/25	FR ADDENDUM NO.1	SRC	AC	TD	LRS

DATE OF ISSUE: OCT. 2025 — DRAWN BY: SRC — DESIGNED BY: AC — CHECKED BY: TD — APPROVED BY: LRS

TETRA TECH

ADAMS COUNTY SOLID WASTE DEPARTMENT
ADAMS COUNTY SANITARY LANDFILL
ADAMS COUNTY, WISCONSIN

FEASIBILITY REPORT ADDENDUM NO. 1
VERTICAL EXPANSION

ENVIRONMENTAL MONITORING PLAN

SHEET NO. **25R**

PROJECT NO. 4251274