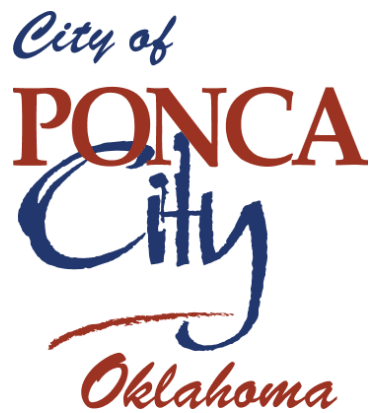




Attachment 3 Scope of Work

Ponca City Landfill Landfill Gas Remediation Plan

Permit No. 3536014
Kay County, Oklahoma



2501 W Riverview Rd
Ponca City, Oklahoma 74601
(580) 767-0339

SCS ENGINEERS

27226374.00 | October 2026

1809 Commons Circle, Suite B
Yukon, OK 73099
405-265-3960

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Appendices

Appendix A
 Bid Drawings

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 Bid Worksheet

1.0 INTRODUCTION

1.1 LOCATION OF WORK

The Ponca City Landfill is located at 2501 West Riverview Rd. Ponca, Oklahoma, and is owned and operated by the City of Ponca City.

1.2 INTENT OF THE CONTRACT

The intent of this Contract is to provide for construction and completion of the work in accordance with the Construction Drawings and Technical Specifications using a standard of care consistent with the solid waste facility construction industry and in compliance with the Oklahoma Department of Environmental Quality (ODEQ) approved permit documents, applicable regulations, and consistent with the other requirements contained herein. Unless otherwise specified, the CONTRACTOR shall furnish all labor, materials, tools, equipment, and incidentals that are necessary to complete the work in a proper, complete, and acceptable manner in accordance with the Construction Drawings and Technical Specifications.

1.3 DESCRIPTION OF WORK

The work to be performed includes, but is not necessarily limited to, the installation of passive gas vents within Cell 1.

The passive gas vents consists of the following components:

- 18-inch Wellbore
- Perforated 4" SDR 11 HDPE Pipe
- Solid 4" SDR 11 HDPE Pipe
- Washed Gravel Backfill
- Clean Soil Backfill
- Bentonite Plug
- Wellbore Safety Grate
- Whirly Bird Turbine

All work must be carried out and maintained per the Construction Drawings and Technical Specifications, subject to the approval of the Design Engineer and QA/QC consultant. Any materials that are found to be outside the tolerances identified in the Construction Drawings and Specifications must be reworked or removed and replaced to the approval of the QA/QC consultant and at no additional cost to the OWNER.

1.4 OWNER RESERVATIONS

The OWNER reserves the right to reject any and all bids, accept or negotiate any bid, pursue a final contract with any bid, and to waive any non-material informality or irregularity of any bid.

2.0 SCOPE OF WORK

2.1 OWNER-SUPPLIED MATERIALS

For the purpose of this Contract, the OWNER will provide the following:

1. Soil for backfill, drilling bench, and topsoil. (CONTRACTOR is responsible for moving OWNER provided material from the stockpile or borrow source to the construction area)

All other construction materials required for this project shall be supplied by the CONTRACTOR.

2.2 OWNER-SUPPLIED SERVICES

Services to be provided by the OWNER for this project include:

1. OWNER will provide adequate storage area and equipment parking area in the vicinity of the construction area
2. OWNER will provide an Operations Manager to interface with CONTRACTORS working at the site
3. OWNER will provide record drawings required, as applicable, for the bottom liner surface
4. OWNER will provide the initial and any required re-staking of the wellbore locations by a 3rd Party Professional Surveyor
5. OWNER will provide full-time independent third-party construction quality assurance field monitoring, field testing, and applicable laboratory testing services
6. OWNER will provide a disposal area for any waste or deleterious materials that are excavated and removed by the CONTRACTOR during the project
7. OWNER will provide a source of water for bentonite conditioning
8. OWNER will provide approval of Work

2.3 OWNER-SUPPLIED PROFESSIONAL SERVICES

1. QA/QC Services (SCS Engineers)
2. Design Services (SCS Engineers)

2.4 CONTRACTOR'S SCOPE OF WORK

CONTRACTOR will be responsible for any damage their operations cause to any portion of the Work, regardless of the circumstances, and will repair this damage to the approval of the QA/QC consultant and at no additional cost to the OWNER.

CONTRACTOR will be responsible for dust control and maintaining all required haul roads during construction.

The CONTRACTOR shall furnish all labor, materials, and equipment for the construction of the Work as shown and indicated on the Construction Drawings and Technical Specifications, less the specific OWNER-supplied materials and services referenced in Sections 2.1 and 2.2. The scope of work covered by this Contract includes, but is not necessarily limited to, the following items. These items correspond to the items listed on the bid worksheet.

1. **Mobilization/Demobilization (See Bid Worksheet Item 1)** – Furnish all transportation, equipment, and labor required to supply all materials, equipment, and CONTRACTOR facilities at the site and to immediately remove the equipment and CONTRACTOR facilities at the end of the project. All areas used by the CONTRACTOR, including, but not limited to, laydown areas, staging areas, haul roads, and stockpile areas, shall be restored to original conditions, as approved by the OWNER, at no additional cost to the OWNER. CONTRACTOR shall provide for the unloading, storing, securing, protecting from weather and traffic, etc. of any OWNER supplied materials at the site.

The mobilization/demobilization shall not exceed 5% of the total cost. A maximum of 60% of the total mobilization/demobilization cost can be billed with the first application for payment. No more than 10% of the total mobilization/demobilization cost can be billed on subsequent applications for payment. The final invoice of the total mobilization/demobilization cost cannot be billed until completion of all work items, demobilization of equipment and any unused materials, and leaving allocated work areas, including borrow sources, haul roads and stockpiles, in a satisfactory condition.

2. **Passive LFG Vent (4-inch SDR 11 HDPE Pipe) (See Bid Worksheet Item 2)** - Furnish all materials, labor, and equipment necessary to install the Passive LFG Vents as shown on the Construction Drawings, including the Whirly Bird Turbine and any associated items. Any waste material that is excavated and removed by the CONTRACTOR during this task must be disposed of in the OWNER provided disposal area. This task includes drilling and installation of the Passive LFG Vents, transport of waste materials, supply and installation of washed non-calcareous stone, well plugs, perforated and solid piping, pipe connections, wellbore reinforcement grate, supply and installation of the whirley bird turbine, health and safety, end caps, and the transport and installation of clen soil backfill.

Measurements shall be by the vertical foot of below grade installed pipe, as determined by field measurements performed by the OWNER.

3. **Drilling Past Obstructions / Drilling less than 5-foot per hour (See Bid Worksheet Item 3)** – This work item consists of drilling past obstructions in excess of one (1) hour and drilling advancement that falls below 5-foot/hour.

Measurement shall begin at the time drilling advancement falls below 5-foot/hour.

4. **Wellbore Abandonment (See Bid Worksheet Item 4)** – Furnish all materials, labor, and equipment necessary to drill, transport of waste material, and installation of clean soil backfill into the abandoned bore hole.

Measurements shall be by linear foot of borehole depth, as determined by field measurements performed by the OWNER.

5. CONTRACTOR shall maintain all haul roads and working areas. All haul roads shall be regularly watered during "dry times" to minimize dust generation during operational hours. All haul roads shall be kept free of excess soil and mud during "wet" weather operations.
6. CONTRACTOR shall provide and maintain all necessary facilities (i.e. construction trailer, electrical, sanitary, potable water, facsimile, and telephone) as may be required by the CONTRACTOR'S personnel. The OWNER shall provide prior approval of any CONTRACTOR facility locations.
7. CONTRACTOR shall provide a full-time project manager/construction superintendent who shall direct and oversee all work for the duration of the project, shall interface directly with the OWNER, QA/QC consultant, and Surveyor. In addition, the contractor shall provide the name and experience of the supervisor, assuming the project starts in accordance with the current OWNER provided schedule. The supervisor listed must be present throughout the entire project.

2.5 PAYMENT TERMS

Payment shall include all costs to complete the scope of work in accordance with the Construction Drawings and OWNER satisfaction. Payment shall include, but is not necessarily limited to, the following items.

- Drill/bore
- Fill
- Load
- Haul
- Stockpile in an appropriate OWNER-designated stockpile
- Delivery (including unloading)
- Furnish
- Install
- Placement
- Incidentals

2.6 COORDINATION BETWEEN CONTRACTORS

Before commencing any work, each CONTRACTOR shall carefully review all Contract Drawings and Technical Specifications for each trade and job condition. Any lack of coordination between his work, other Contractors, Drawings, Specifications, or job conditions shall be immediately reported to OWNER in writing. If CONTRACTOR fails to call such conflict or lack of coordination between other Contractors, plans, specifications, or job conditions to OWNER'S attention before any work is done, it will be assumed that no conflict or lack of coordination exists, and that all deadlines in the approved schedule will be met.

Notwithstanding the above, every attempt will be made by CONTRACTOR, OWNER, and QA/QC CONSULTANT to assure well-coordinated operations and construction activities during this project.

3.0 CONTRACTORS SCHEDULE

In addition to the items required by the Contract Documents, the Contractor must submit a construction schedule.

Appendix A

Bid Drawings

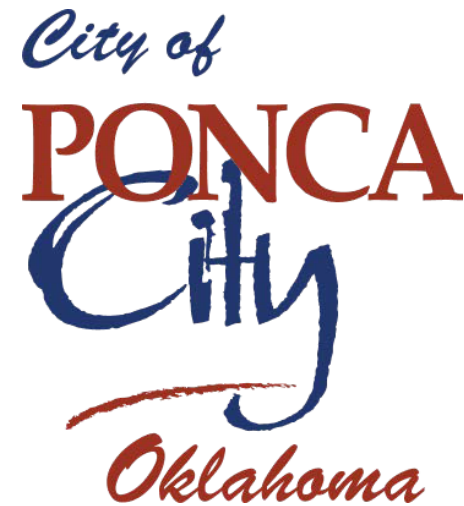
CITY OF PONCA CITY

LANDFILL GAS REMEDIATION PLAN

ODEQ Permit No. 3536014
October 2026

PREPARED FOR

PONCA CITY SOLID WASTE



2501 W RIVERVIEW RD
PONCA CITY, OK 74601

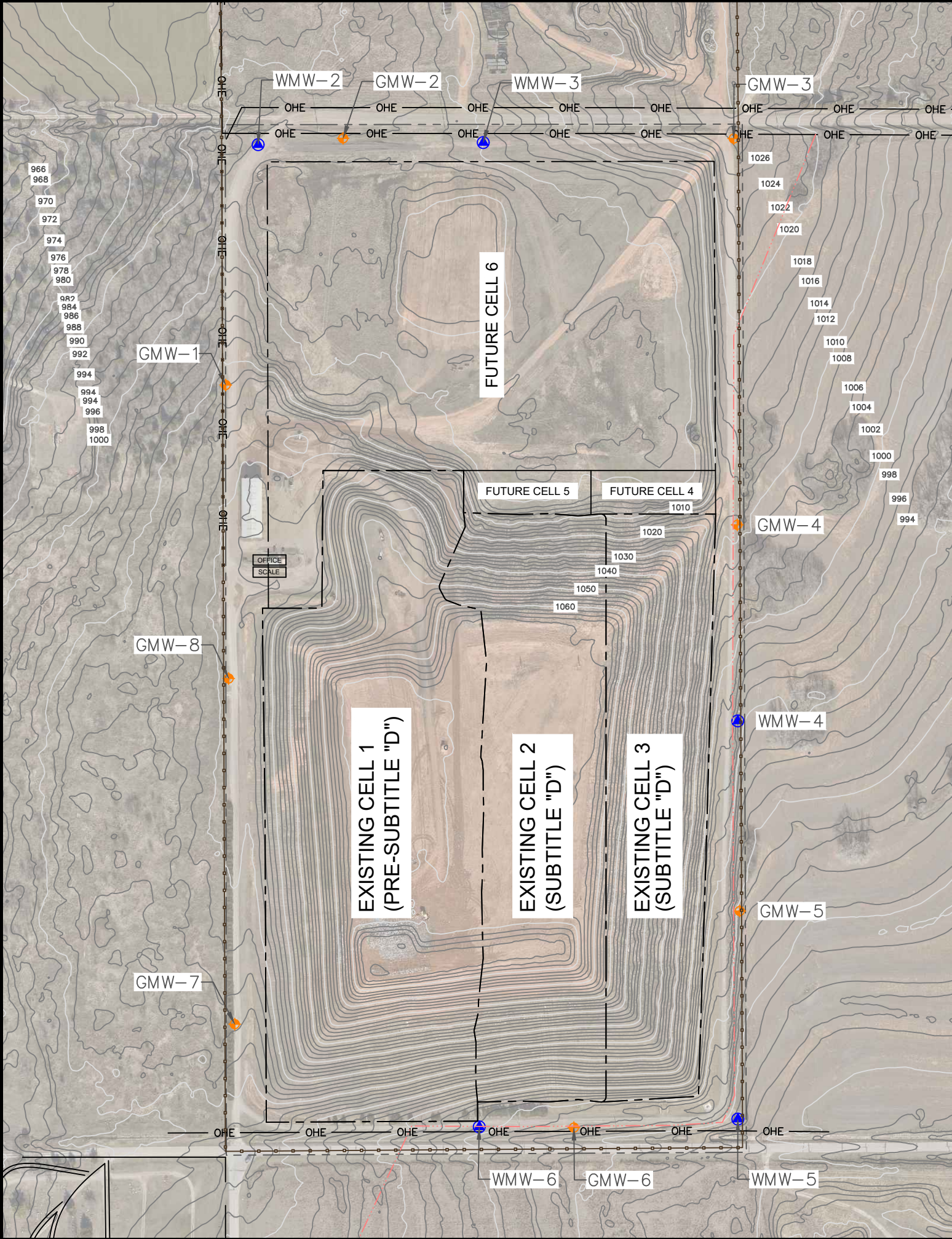
SHEET LIST TABLE	
SHEET NO.	SHEET TITLE
0	COVER
1	SITE LAYOUT
2	PROPOSED REMEDIATION PLAN
3	DETAILS
4	DETAILS

FOR BIDDING PURPOSES ONLY
NOT ISSUED FOR CONSTRUCTION

PREPARED BY

SCS ENGINEERS

1809 Commons Circle, Suite B
Yukon, Oklahoma 73099
PH (405) 265-3960
Project No. 27226374.00

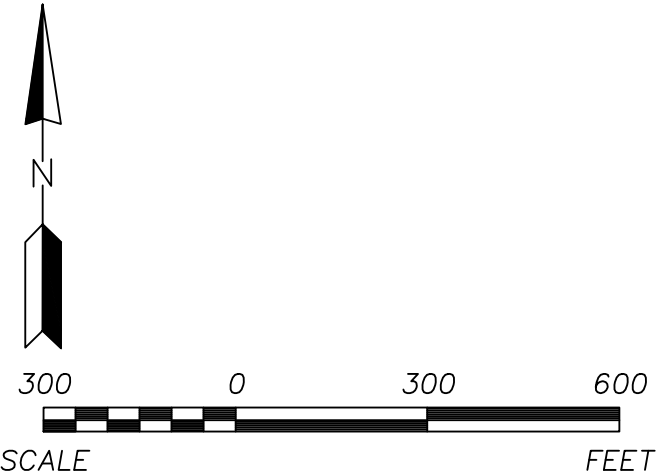


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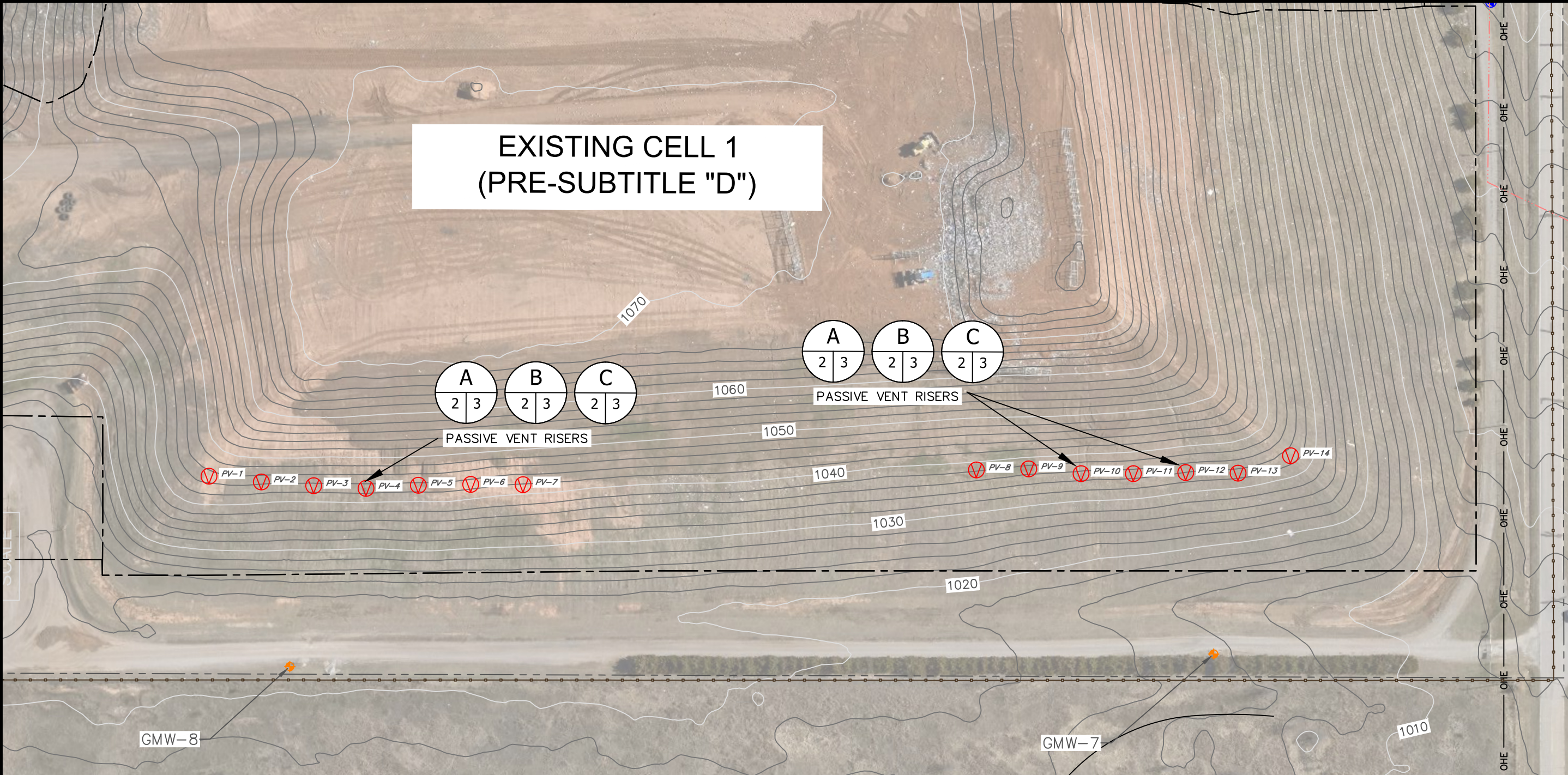
- EXISTING 2' MINOR CONTOUR
- EXISTING 10' MAJOR CONTOUR
- SOLID WASTE PERMIT BOUNDARY
- SOLID WASTE PHASE BOUNDARY
- EXISTING UNPAVED ROAD
- EXISTING FENCE/PROPERTY BOUNDARY
- EXISTING OVERHEAD ELECTRIC
- EXISTING PIPELINE
- GAS PROBE
- MONITORING WELL

NOTES:

- EXISTING SITE FEATURES PROVIDED BY THE PONCA CITY SOLID WASTE DIVISION
- AERIAL TOPOGRAPHY PERFORMED BY AERIAL DATA SERVICES, LLC ON JANUARY 10, 2026



CLIENT		SHEET TITLE		REV. DATE		CK. BY	
PONCA CITY LANDFILL		SITE LAYOUT					
PONCA CITY SOLID WASTE DIVISION		PROJECT TITLE					
PONCA CITY, OKLAHOMA		LANDFILL GAS REMEDIATION PLAN					
SCS ENGINEERS		DRAWN BY: XMS		CHECKED BY: TWL		DATE: 7/23/2026	
1809 COMMONS CIRCLE, SUITE B		DWG. BY: XMS		CHK. BY: TWL		SCALE: 1"=300'	
YUKON, OKLAHOMA		DWG. BY: XMS		CHK. BY: TWL		DRAWING NO.	
PH. (405) 265-3960 FAX. (913) 681-0012		DWG. BY: XMS		CHK. BY: TWL		1 of 4	
CADD FILE: 01-SITE LAYOUT.DWG		DWG. BY: XMS		CHK. BY: TWL			
PROJECT NO. 2022-0374.00		DWG. BY: XMS		CHK. BY: TWL			
TOTAL PRICE \$374.00		DWG. BY: XMS		CHK. BY: TWL			
		DWG. BY: XMS		CHK. BY: TWL			



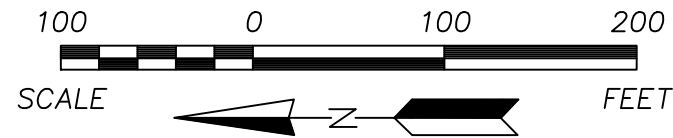
SCALE

LEGEND:

- EXISTING 2' MINOR CONTOUR
- EXISTING 10' MAJOR CONTOUR
- SOLID WASTE PERMIT BOUNDARY
- SOLID WASTE PHASE BOUNDARY
- EXISTING UNPAVED ROAD
- EXISTING FENCE/PROPERTY BOUNDARY
- EXISTING OVERHEAD ELECTRIC
- EXISTING PIPELINE
- GAS PROBE
- PROPOSED PASSIVE GAS VENT

NOTES:

- EXISTING SITE FEATURES PROVIDED BY THE PONCA CITY SOLID WASTE DIVISION.
- AERIAL TOPOGRAPHY PERFORMED BY AERIAL DATA SERVICES, LLC ON JANUARY 10, 2026



SCS ENGINEERS 1809 COMMONS CIRCLE, SUITE B YUKON, OKLAHOMA 73099 PH. (405) 285-3580 FAX. (913) 681-0012		O/A R/W BY: TWL	
		PROJ. MGR: TWL	
CADD FILE: 02-PROPOSED REMEDIATION PLAN - V03.000		DWG. BY: XMS	
DATE: 10/17/2026		CHK. BY: TWL	
SCALE: 1"=100'		PROJ. MGR: TWL	
DRAWING NO.		2 of 4	



3 of 4

C:\Users\ityle\AppData\Local\Temp\AcPublish_71164\03-LFG Details (XMS) - Example 3.dwg Oct 14, 2026 - 4:09pm Layout Name: Details (2) By: ityle

CITY OF PONCA CITY LANDFILL - 2026 LFG REMEDIATION PLAN										
DESIGN WELL ID	NORTHING (ft)	EASTING (ft)	BASELINER GRADES ⁽²⁾	EXISTING GROUND GRADES ⁽³⁾	BOTTOM OF BORE HOLE	WELL DRILL DEPTH	WELL PERFORATED PIPE LENGTH	WELL SOLID PIPE LENGTH (BELOW GRADE)	WELL SOLID PIPE LENGTH (ABOVE GRADE)	TOTAL SOLID PIPE LENGTH
			(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
PV-1	601198.18	2229186.29	998	1,045.0	1013	32.0	15	16	4	20
PV-2	601148.18	2229180.93	996	1,044.5	1011	33.0	16	16	4	20
PV-3	601098.18	2229177.56	996	1,043.5	1011	32.0	15	16	4	20
PV-4	601048.18	2229175.16	996	1,043.0	1011	32.0	15	16	4	20
PV-5	600998.18	2229178.42	996	1,043.4	1011	32.0	15	16	4	20
PV-6	600948.18	2229179.43	996	1,043.0	1011	32.0	15	16	4	20
PV-7	600898.18	2229179.40	994	1,041.9	1009	33.0	16	16	4	20
PV-8	600465.18	2229195.21	990	1,038.2	1005	33.0	16	16	4	20
PV-9	600415.18	2229196.40	990	1,037.2	1005	32.0	15	16	4	20
PV-10	600365.18	2229192.01	988	1,035.4	1003	32.0	15	16	4	20
PV-11	600315.18	2229192.22	988	1,035.0	1003	32.0	15	16	4	20
PV-12	600265.18	2229193.45	986	1,033.9	1001	33.0	16	16	4	20
PV-13	600215.18	2229193.07	986	1,033.1	1001	32.0	15	16	4	20
PV-14	600165.18	2229209.92	986	1,033.0	1001	32.0	15	16	4	20
Totals						452	214	224	56	280

NOTES:
1. CONTRACTOR SHALL REVIEW SURVEY DATA AND VERIFY SURFACE ELEVATIONS AT WELL LOCATIONS BEFORE CONSTRUCTION. CONTRACTOR SHALL GET AUTHORIZATION FROM ENGINEER AND CQA CONSULTANT PRIOR TO DRILLING.
2. BASELINER GRADES BASED ON TOP OF CLAY LINER GRADES FOUND IN THE MASTER DESIGN PLAN BY SCS ENGINEERS DATED OCTOBER 2008.
3. GROUND SURFACE GRADES BY AERIAL OK ON JANUARY 10, 2026.
4. CQA CONSULTANT SHALL LOCATE WELLS AND VERIFY SURFACE ELEVATIONS BEFORE CONSTRUCTION. A PRE-CONSTRUCTION SURVEY (NORTHING/EASTING/ELEVATION) SHALL BE PROVIDED TO THE ENGINEER A MINIMUM OF 1 WEEK PRIOR TO CONSTRUCTION. ENGINEER SHALL VERIFY THE WELL SCHEDULE BASED ON THE PRE-CONSTRUCTION SURVEY.

SIGN-OFF:

CERTIFYING ENGINEER

CQA MONITOR

DRILLER

DATE

DATE

DATE

DESCRIPTION

REV.

DATE

SHEET TITLE

PROJECT TITLE

CLIENT

CITY OF PONCA CITY
PONCA CITY LANDFILL
KAY COUNTY, OKLAHOMA

SCS ENGINEERS

1809 COMMONS CIRCLE, SUITE B
YUKON, ALASKA 99581
PH: (405) 265-3360 FAX: (913) 681-0012

PROJ. NO. 2203374.00
USER: BT: XMS

DRAWN BY: XMS
CHECK BY: XMS

Q/A BY: BT: TWL
PROJECT MANAGER: TWL

CADD FILE:
03-LFG DETAILS (XMS) - EXAMPLE 3.DWG

DATE:
10/14/26

SCALE:
SCALE

SHEET NO.
4 of 4

Appendix B

Bid Worksheet

Bid Worksheet

Ponca City Landfill - LFG Remediation Plan

Item		Estimated Quantity	Unit	Unit Cost (\$)	Subtotal Cost (\$)
1	Mobilization/Demobilization	1	LS		
2	Passive LFG Vent (4-inch SDR 11 HDPE Pipe)	452	LF		
3	Drilling Past Obstructions/Drilling less than 5-foot/hour	5	HR		
4	Wellbore Abandonment	50	LF		
Total Construction Cost:					