



Phase One

Merrill Field Airport Landfill Gas

























Kelli Toth, Director SWS

November 20, 2025

Municipality of Anchorage - Solid Waste Services - Merrill Field Landfill Improvements

PLOT SCALE: N/A

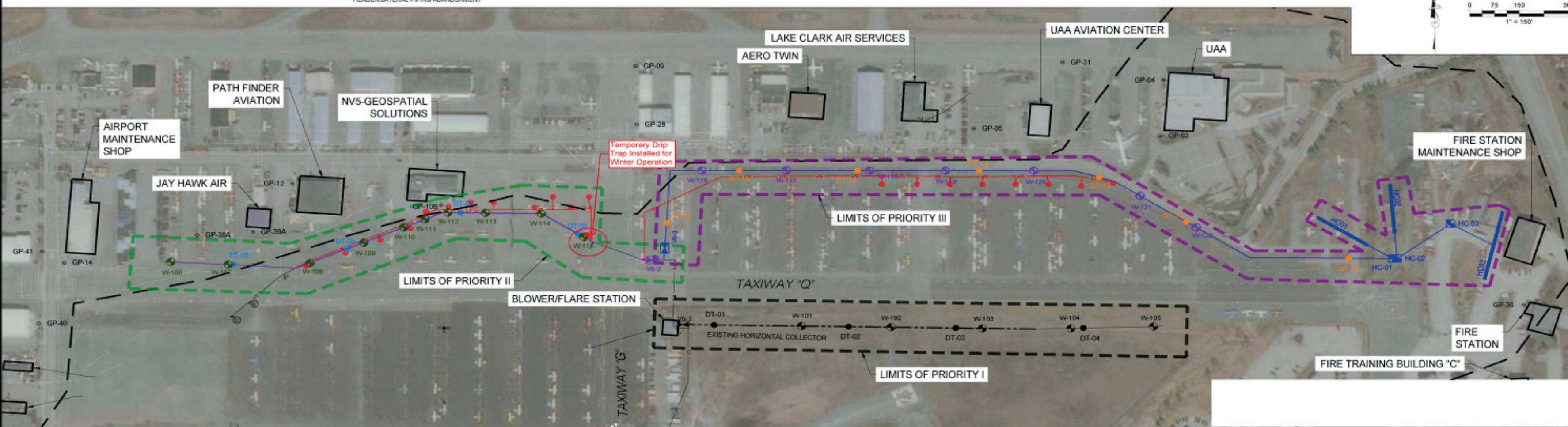
ACAD FILE: C:\USERS\GJENRENY\MODELVE - SCS ENGINEERING\Desktop\PROJECTS_PROJECTS\MCHILL FIELD LF - 2025 GCTS DESIGN (07168988.RVT)\20250721_MFL_2025 GCTS COPAN DESIGN_P00306171 & ILWAG

LEGEND		LEGEND	
	APPROXIMATE LIMIT OF WASTE	 W-101	PROPOSED LFG EXTRACTION WELL - PRIORITY I
	EXISTING BUILDING	 DT-03	PROPOSED DRIP LEG TRAP - PRIORITY I
 GP-38A	EXISTING PERIMETER MIGRATION PROBE (APPROXIMATE)	 V-01	PROPOSED 6" ISOLATION VALVE - PRIORITY I
	EXISTING ELECTRICAL LINE		PROPOSED BELOW GRADE 6" HDPE SDR 11 PIPE - PRIORITY I
	EXISTING COMMUNICATIONS LINE	 W-113	PROPOSED LFG EXTRACTION WELL - PRIORITY II
	EXISTING WATER LINE	 DT-07	PROPOSED DRIP LEG TRAP - PRIORITY II
	EXISTING TELEPHONE LINE	 V-6-2	PROPOSED 6" ISOLATION VALVE - PRIORITY II
	EXISTING NATURAL GAS LINE		PROPOSED BELOW GRADE 6" HDPE SDR 11 PIPE - PRIORITY II
	EXISTING STORM DRAIN	 W-117	PROPOSED LFG EXTRACTION WELL - PRIORITY III
	EXISTING SEWER LINE	 DT-13	PROPOSED DRIP LEG TRAP - PRIORITY III
	EXISTING FIBER OPTICS LINE	 V-6-3	PROPOSED 6" ISOLATION VALVE - PRIORITY III
	EXISTING BELOW GRADE LFG COLLECTION HEADER/LATERAL PIPING		PROPOSED BELOW GRADE 6" HDPE SDR 11 PIPE - PRIORITY III
		 HC-03	PROPOSED HORIZONTAL COLLECTOR WELLHEAD - PRIORITY III
			PROPOSED 6" HDPE SDR 11 HORIZONTAL COLLECTOR - PRIORITY III
		 W-118	PROPOSED LFG EXTRACTION WELL ABANDONMENT
		 W-119	PROPOSED BELOW GRADE LFG COLLECTION HEADER/LATERAL PIPING ABANDONMENT

- ## 2025 Work Completed

System Performance to Date (Fall–Winter 2025)

Work Remaining (2026)



VERIFY SCALE

THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING.

IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.

FULL SIZE SCALE
HORIZ SCALE: 1" = 150'
VERT SCALE: N/A

RECORD DRAWING

Note: To be filled out on original drawings upon project completion.

1. DATA PROVIDED BY: _____
This shall serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.
CONTRACTOR: _____
BY: _____ TITLE: _____
DATE: _____

2. DATA TRANSFERRED BY: _____
COMPANY: _____
DATE: _____

3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.
DATA TRANSFER CHECKED BY: _____
COMPANY: _____
BY: _____ TITLE: _____
DATE: _____

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REUSE OF DOCUMENTS

SCS ENGINEERS

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PH: (907) 210-0648
LICENSE # AEC0642

MUNICIPALITY OF ANCHORAGE
SOLID WASTE SERVICES

2025 LANDFILL GAS COLLECTION AND CONTROL SYSTEM
EXPANSION DESIGN - PRIORITY II & III

PROPOSED OVERALL GCCS IMPROVEMENTS

HORIZ SCALE: N/A
VERT SCALE: N/A
REVISED: 04/11/2023

DATE: 8/1/25
GRID: ----

SHEET C1 of 01

RECORD DRAWING		Note: To be filled out on original drawings upon project completion.	
1. DATA PROVIDED BY: _____	3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.		
This shall serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.			
CONTRACTOR: _____		DATA TRANSFER CHECKED BY: _____	
BY: _____	TITLE: _____	COMPANY: _____	
DATE: _____		BY: _____	TITLE: _____
2. DATA TRANSFERRED BY: _____		DATE: _____	
COMPANY: _____			
DATE: _____			

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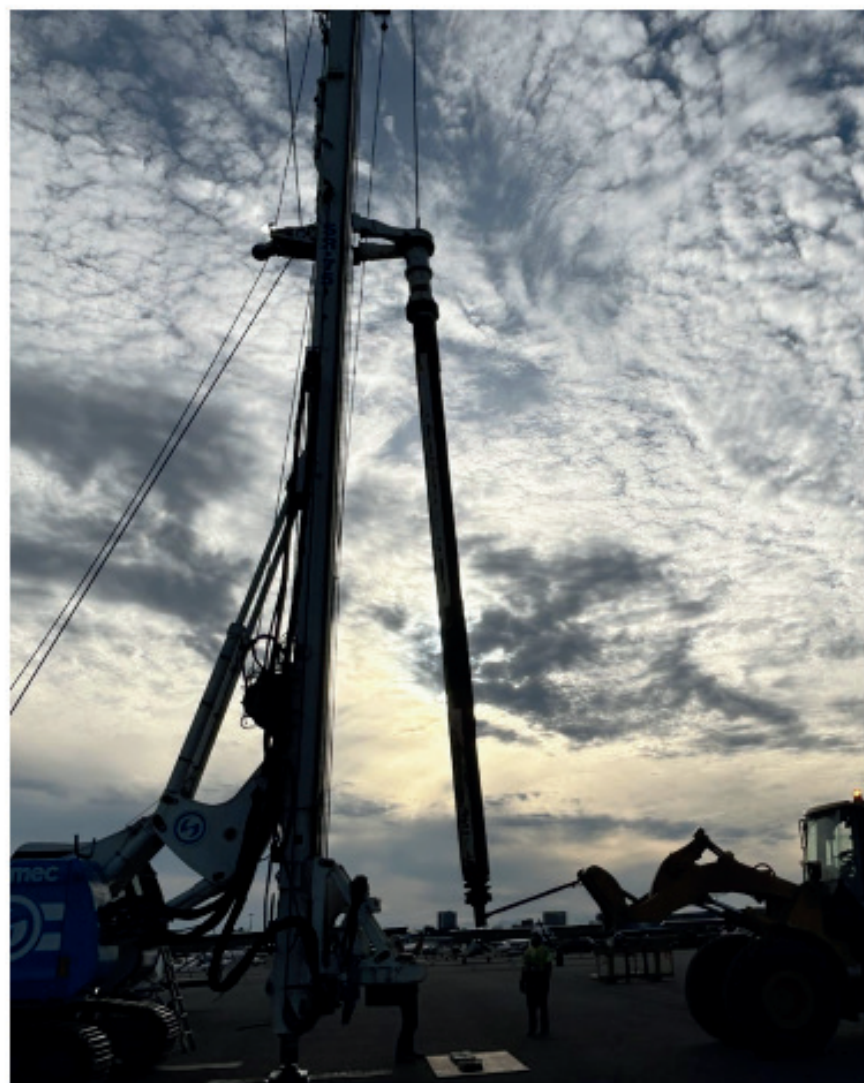


MUNICIPALITY OF ANCHORAGE			
SOLID WASTE SERVICES			
2025 LANDFILL GAS COLLECTION AND CONTROL SYSTEM			
EXPANSION DESIGN - PRIORITY II & III			
PROPOSED OVERALL GCCS IMPROVEMENTS			
HORZ SCALE: N/A		DATE: 6/1/25	GRID: ----
VERT SCALE: N/A			
PROJECT ID: 02223247.05			SHEET C1 of C1

Priority I Work Area



Priority II & III Work Areas



Happening Now:

- Control Panel and electrical/communications to be installed and commissioned this week
- SWS Continues to regularly monitor the buildings

