

M:\FRE-00253815-A0\60 PROJECT EXECUTION\60.1 CAD\EXISTING SITE WITH AERIAL

AL LAWRENCE

9/20/2019 2:10 PM

COORDINATE SYSTEM: UTM ZONE 20  
GEOID: CGG2013a REFERENCE FRAME NAD83(CSRS)  
EPOCH: 2010.0

Control Point ID	Northing	Easting	Elevation (m)
CP1	7339972.237 N	379789.201 E	20.189

#### NOTES:

1. MONITORING STATION PAN-5 IS NORMALLY DRY BECAUSE NO LEACHATE COULD RUN FROM THE PRESENT SLUDGE STORAGE AREA FROM CULVERT #8.
2. MONITORING STATION PAN-4 IS A MIXING ZONE LOCATION OF STORM WATER FROM CULVERT #5. LEACHATE FROM THE LAND FILL SITE FROM CULVERT #9 AND SEWAGE EFFLUENT IF ANY.
3. MONITORING STATION PAN-6: LEACHATE COMING OUT FROM THE METAL DUMP AREA AND DILUTED WITH STORM WATER RUNS THROUGH THE CULVERT #4.
4. CULVERTS #1,2, 3 AND 4 CARRY MAINLY STORM WATER COMING FROM THE HILL. THE SURFACE RUNOFF CROSSES THE ACCESS ROAD TO THESE CULVERTS.
5. ALL OF THESE CULVERTS FUNCTION AS THE DRAINAGE CONTROL STRUCTURES FOR FLOOD MIGRATION OF THE ENTIRE WASTE AREA.



Culvert ID	Invert	Northing	Easting	Elevation (m)
1	Inlet Invert	7340787.473 N	380885.451 E	3.592
	Outlet Invert	7340792.339 N	380874.198 E	3.108
2	Inlet Invert	7340389.046 N	380400.306 E	21.833
	Outlet Invert	7340397.001 N	380395.935 E	21.621
3	Inlet Invert	7340292.709 N	380240.637 E	19.219
	Outlet Invert	7340302.800 N	380233.995 E	18.446
4	Inlet Invert	7340173.205 N	380072.766 E	19.001
	Outlet Invert	7340183.947 N	380066.768 E	18.405
5	Inlet Invert	7340118.616 N	379979.243 E	18.758
	Outlet Invert	7340126.904 N	379975.357 E	18.425
6	Inlet Invert	7339937.497 N	379651.760 E	15.487
	Outlet Invert	7339946.979 N	379643.904 E	14.424
7	Inlet Invert	7339751.362 N	379366.897 E	20.037
	Outlet Invert	7339722.352 N	379308.091 E	18.392
8	Inlet Invert	N/A	N/A	N/A
	Outlet Invert	7340114.377 N	379772.022 E	5.452
9	Inlet Invert	N/A	N/A	N/A
	Outlet Invert	7340025.675 N	379626.279 E	5.462

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No.	Issue	Date

#### LEGEND:

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING DITCH
- TOP OF SLOPE
- BOTTOM OF SLOPE

No.	Revision	Date

#### FOR INFORMATION ONLY

Professional Seal(s)

Drawn By:	ETL
Dwg Standards Ckd By:	AEL
Designed By:	DFB
Design Checked By:	DFB
Scale:	1:2500

Project Title

## PANGNIRTUNG DRAINAGE SURVEY

Dwg. Title

## EXISTING DRAINAGE AND WASTE DISPOSAL PLAN

Project No.	FRE-00253815-A0
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Dwg. No.	Rev. No.
<b>FIGURE A-1</b>	<b>0</b>