

2024

FINANCIAL ASSURANCE

Facility: **Winneshiek County Sanitary Landfill**
 Permit #: **96-SDP-1-74P**
 Date Submitted: **Tuesday, February 11, 2025**

AECOM

LANDFILL CELL CLOSURE ESTIMATE			
2023	CS EXP - Composite Closure	\$	4,746,860
02/11/25	IDNR Inflation Factor		1.0240
2024	CS EXP - Composite Closure	\$	4,860,785
	Annual Closure Increase	\$	113,925
INCLUDING			
	Design	5%	\$ 243,039
	QA/QC	5%	\$ 243,039
POST-CLOSURE COST ESTIMATE			
2023	ESTIMATED POST-CLOSURE COSTS DEVELOPMENT AND OPERATIONS PLAN - MAINTENANCE COSTS	\$	25,880
2023	IDNR GROUNDWATER MONITORING AND REPORTING COSTS	\$	24,527
	SUBTOTAL	\$	50,407
	Post-Closure Care Duration - Years	30	\$ 1,512,214
02/11/25	IDNR Inflation Factor		1.0240
2024	CS EXP - Composite Closure	\$	1,548,507
	Annual Post-Closure Increase	\$	36,293
2024	TOTAL CLOSURE & POST CLOSURE ESTIMATE	\$	6,409,292
2023	TOTAL CLOSURE & POST CLOSURE ESTIMATE	\$	6,259,074.23
	INCREASE TOTAL	\$	150,218


2023	TABLE 1			
ESTIMATED CLOSURE COSTS				
CS EXP - Composite Closure		39.0	AC	
Task	Unit	Quantity	Unit Cost	Est.Total Cost
Composite Closure	AC	39.0	\$ 121,714.37	\$ 4,746,860
ESTIMATED CLOSURE COSTS				\$ 4,746,860
INCLUDING				
	Design	5.0%	\$	237,343
	QA/QC	5.0%	\$	237,343

2023	TABLE 2		
ANNUAL POST-CLOSURE COSTS			
Estimated Post-Closure Costs: Development and Operations Plan-Maintenance Costs	Semi-Annual Review	\$	1,431
	Site Maintenance	\$	5,963
	Leachate	\$	5,963
	Engineering-Admin	\$	12,522
	SUBTOTAL	\$	25,880
Groundwater Monitoring and Reporting Costs	Est YR Analytical Cost:	\$	15,463
	Est YR Labor Cost:	\$	9,064
	SUBTOTAL	\$	24,527
ANNUAL POST-CLOSURE COSTS			\$ 50,407

2024	TABLE 3	
CAPACITY AND TONNAGE		
Date	Description	Tons
2024	Permitted Capacity	587,679
2024	Waste Filled	22,744

PERMITTED CAPACITY ADJUSTED ANNUALLY BASED ON SURVEY DATA AND CURRENT CALCULATED COMPACTION RATE

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa.

 Date 02/11/25

CHRISTOPHER G. OELKERS, P.E. License No. 22053
 My license renewal date is 12/31/2021
 Pages or sheets covered by this seal: All Pages

