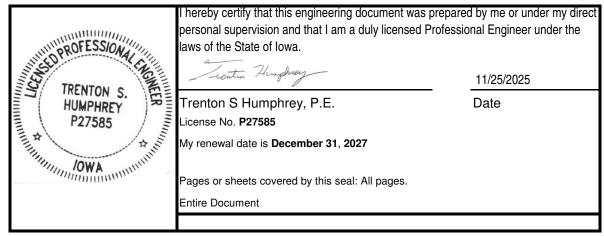
## POSTCLOSURE OPINION OF PROBABLE COST

(ADJUSTED FOR INFLATION)

## FOR THE GPC CCR LANDFILL

**MUSCATINE, IOWA** 

### **CLOSURE PERMIT NO. 58-SDP-03-92C-CCR**



<sup>\*</sup>Corrected from previously submitted on 2/18/25 due to error in mathematical output of incorporation of previous years amended value to new adjusted years value.

# GPC CCR LANDFILL POSTCLOSURE OPINION OF PROBABLE COSTS CLOSURE PERMIT NO. 59-SDP-03-92C-CCR

#### **SUMMARY**

Postclosure status; Permit effective January 3, 2019 through January 3, 2029

	Amended Estimate (2025)		
POSTCLOSURE COMPONENT			
1. General site facilities, access roads and fencing maintenance	\$31,582.21		
Cap and vegetative cover maintenance	\$94,746.93		
3. Drainage and erosion control systems maintenance	\$40,939.79		
4. Groundwater and surface water monitoring systems maintenance	\$5,848.47		
5. Groundwater and surface water quality monitoring and reports	\$126,328.83		
6. Facility inspections and reports	\$88,897.13		
7. Engineering and technical services	\$5,848.47		
8. Legal, financial and administrative services	\$106,443.88		
Subtotals	\$500,635.71		
Summary			
CLOSURE COSTS (Landfill Closed)	\$0.00		
POSTCLOSURE COSTS	\$500,635.71		
TOTAL CLOSURE/POSTCLOSURE COSTS	\$500,635.71		

## GPC CCR LANDFILL POSTCLOSURE OPINION OF PROBABLE COSTS CLOSURE PERMIT NO. 59-SDP-03-92C-CCR

Postclosure Permit - 10 years (1/3/2019-1/3/2029)

The baseline estimate is adjusted annually for inflation

The current year's inflation factor is: 1.024

IDNR Updated (01/30/2025)

	Current Year Inflation				
			Adjusted		Amended
Description	Quantity	Units	\$/Unit	Extension	Estimate (2025)
General site facilities, access roads and fencing maintenance					
a. General facilities/labor (annual)	10	events	\$1,403.66	\$14,036.58	
b. Access roads (annual)	10	events	\$1,169.72		
c. Fence maintenance (annual)	10	events	\$584.85		
,				\$31,582.21	
Cap and vegetative cover maintenance					
a. Mowing (annual)	10	events	\$2,807.31	\$28,073.06	
b. Erosion repair (annual)	10	events	\$5,848.57		
c. Reseeding (annual)	10	events	\$818.82		
				\$94,746.93	\$94,746.93
Drainage and erosion control systems maintenance					
a. Letdown structures repair (annual)	10	events	\$584.85	\$5,848.47	
b. Sediment pond dredging	1	events	\$8,772.83		
c. Terrace repairs (annual)	10	events	\$2,339.42	\$23,394.20	
d. Rip rap repair	1	events	\$2,924.28		
				\$40,939.79	\$40,939.79
Groundwater and surface water monitoring systems     maintenance					
a. Letdown structures repair (annual)	10	events	\$584.85	\$5,848.47	
a. Lotdown structures repair (armaar)	10	CVCIIIO	φου-1.00	\$5,848.47	\$5,848.47
				<b>*</b> 0,0 10111	<b>4</b> -,
5. Groundwater and surface water quality monitoring and reports *					
a. Field sample collection	10	events	\$4,912.79		
b. Sample analysis	10	events	\$2,456.39		
c. IDNR annual water quality reports	10	events	\$5,263.70	\$52,636.98	
				\$126,328.83	\$126,328.83
6. Facility inspections and reports					
a. Monthly site inspections	120	events	\$584.85	+ -,	
b. Annual site inspection by licensed engineer	10	events	\$1,871.54		
				\$88,897.13	\$88,897.13
7. Engineering and technical services					
a. Site engineering	10	events	\$584.85	\$5,848.47	
				\$5,848.47	\$5,848.47
8. Legal, financial and administrative services					
a. Legal, financial and administrative services	10	events	\$5,848.57		
b. Financial assurance updates	10	events		\$11,697.15	
c. Accounting	10	events		\$22,224.49	•
d. Audits/reports	10	events	\$1,403.66	\$14,036.58	
				\$106,443.88	\$106,443.88
	Total Postclosure Cost Estimate \$500,635.7				

 $<sup>^{\</sup>star}$  IAC Chapter 103 monitoring requirements in effect as of 2018.