Kent	uckv Depart	ment for	Envir	onmental Prot	ectior	1		FOR OFFICIAL	USE ONLY -
	tment for Environmental Protection on of Waste Management						DO NOT WRITE	IN THIS SPACE	
300 Sow	ound Storage Tank Branch rd, Second Floor - Frankfort KY 40601						Claim Number:		
	(502) 564-5981						Obligation Number:		
UST Opti	Remov	al a	t Permenar	nt C	osure				
	urseme	nt V	/orksheet						
General Information									
Agency Interest Number (AI)							PSTEAF A	Application Number	
Date of Permanent Closure									
Dimensions of the Optiona	l Soil	Area 1:					Area 3:		
Removal Area(s)		Area 2:					Area 4:		
1. Asphalt/Concrete Remo	val (area out	side the ex	ravat	tion zone)					
	vai (area oata		cava	1011 20110)					
a. Asphalt Removal									
Area		sq.ft.	х		=	\$0.00			\$0.00
				(thickness)					
b. Concrete Removal									
Pad up to 4-inch thick		sq.ft.	х	\$ <u>0.70[0.54]</u>	=	\$0.00			
4-inch thick w/ rebar		sq.ft.	х	\$ <u>0.81[0.62]</u>	=	\$0.00			
6-inch thick		sq.ft.	х	\$ <u>1.05[0.81]</u>	=	\$0.00			
6-inch thick w/ rebar		sq.ft.	х	\$ <u>1.21[0.93]</u>	=	\$0.00			
9-inch thick		sq.ft.	х	\$ <u>2.10[1.62]</u>	=	\$0.00			
9-inch thick w/ rebar		sq.ft.	х	\$ <u>2.42</u> [1.86]	=	\$0.00			
10-inch or more		sq.ft.	х	\$ <u>5.35[4.21]</u>	=	\$0.00			
10-inch or more w/ rebar		sq.ft.	х	\$ <u>6.15</u> [4.84]	=	\$0.00			\$0.00
c. Transportation and Dispos	al of Acabalt	or Conor		a Dormittad Ea	cility				
c. Transportation and Dispos				\$84.00[65.00	=		(within 50 mil		
		tons		\$04.00[03.00 \$ <u>103.00[79.0</u>	=		-	•	
		tons					(50 to 100 mi	,	¢0.00
		tons	х	\$ <u>122.00[93.0</u>	=	\$0.00	(over 100 mil	es)	\$0.00
2. Excavation and Disposa	I or Treatm	ent of Co	ontan	ninated Mater	' ial (a	rea outside the	excavation zo	one)	
a. Mobilization and Demobilized							-	ity	
		miles	х	\$ <u>7.95[5.60</u>]	=		Equipment		
	(round trip)					\$ <u>795[</u> 540.00]			
		miles	х	\$ <u>2.85[2.20]</u>	=		Personnel ov	ersight	\$0.00
	(round trip)			max	imum	\$ <u>2,850[2,200.</u> 4	00]		
The one way	mileage from	the contra	ctors	office to the faci	lity is		miles.		
b. Per Diem		day(s)	х	<u> 7.00</u> [165.00]	=	\$0.00			\$0.00
	30	miles	X	0	=		Additional mi	eage	
		(e	nter t	he number of da	iys of	overnight stay)			
c. Field Equipment		day(s)	х	\$ <u>210.00[165.</u>	=	\$0.00	Field Equipm	ent	
		day(s)		\$ <u>70.00[</u> 55.00			Tools of the 1		\$0.00
d. Excavation of Contaminate				• • ·					
Contaminated		tons	Х	\$ <u>7.35[</u> 5.75]	=	\$0.00			
				min	imum	\$ <u>3,675[2,500. </u>	UU]		\$0.00

AI							
a Durchass and Transportati	on of Pookfill M	torial					
e. Purchase and Transportation	ton		\$34.00[21.00	=	\$0.00	(within 50 miles)	
	ton		\$ <u>43.00[</u> 28.00			(50 to 100 miles)	
	ton		\$ <u>52.00</u> [35.00			(over 100 miles)	
from borrow area	ton			=	\$0.00		\$0.00
	10		ed if soil is disp				
f. Install, Compact, and Grad	e Backfill						
	ton	s x	\$ <u>6.65[</u> 4 .90]	=	\$0.00		\$0.00
g. Transportation and Dispos	sal or Treatment	of Contam	inated Material	at a Permitte	d Facil	lity	
3	ton		\$ <u>84.00[</u> 65.00			(within 50 miles)	
	ton		\$ <u>103.00[80.0</u>			(50 to 100 miles)	
	ton		\$ <u>122.00</u> [94.0			(over 100 miles)	\$0.00
			+ <u></u> [0.10		<i>Q</i> 0.000		
h. Pumping and Transportation					¢0.00		
		llons] <u>+[</u> x] <u>15%[\$0.27]</u> [min			(provide invoice)	A
	Actual costs		[min	imum] [\$650.	oo j		\$0.00
i. Disposal or Treatment of P	it Water or Grou	ndwater at	a Permitted Fa	cility			
		llons] <u>+[</u> x] <u>15%[\$0.49]</u>	=	\$0.00	(provide invoice)	\$0.00
	Actual costs						
Dimensions of the Excavat	ion Zone						
a. Transportation and Dispos	al or Treatment	at a Permit	ted Facility, inc	luding Aspha	altic Ma	aterial (if necessary)	
	ton	s x	\$ <u>84.00[65.00</u>	=	\$0.00	(within 50 miles)	
	ton		\$ <u>103.00[80.0</u>		\$0.00	(50 to 100 miles)	
	ton	s x	\$ <u>122.00[</u> 94.0	=	\$0.00	(over 100 miles)	\$0.00
b. Purchase and Transportation	on of Backfill Ma	terial					
	ton	s x	\$ <u>34.00[</u> 21.00	=	\$0.00	(within 50 miles)	
	ton	s x	\$ <u>43.00[</u> 28.00	=	\$0.00	(50 to 100 miles)	
	ton	s x	\$ <u>52.00[</u> 35.00	=		(over 100 miles)	
from borrow area	ton	s x	\$ <u>16.00</u> [7.95]	=	\$0.00		\$0.00
4. Laboratory Analysis (for	samples collecte	d outside th	e excavation zo	ne)			
4. Laboratory Analysis (for							
4. Laboratory Analysis (for	BTEX	x	\$ <u>121.00[</u> 100.	=	\$0.00		
4. Laboratory Analysis (for	BTEX PAH	x	\$ <u>121.00[</u> 100. \$ <u>291.00[228.</u>	=	\$0.00		
4. Laboratory Analysis (for	BTEX PAH	x	\$ <u>121.00[</u> 100.	=			\$0.00
	BTEX PAH Total Lead	X X	\$ <u>121.00[</u> 4 00. \$ <u>291.00[228.</u> \$ <u>69.00[</u> 54. 00	= = =	\$0.00		\$0.00
	BTEX PAH Total Lead	x x x e Time of	\$ <u>121.00[</u> 400. \$ <u>291.00[228.</u> \$ <u>69.00[</u> 54.00 Permanent C	= = = :losure	\$0.00		\$0.00
 Laboratory Analysis (for 5. Report for Optional Soil 	BTEX PAH Total Lead	x x x e Time of	\$ <u>121.00[</u> 4 00. \$ <u>291.00[228.</u> \$ <u>69.00[</u> 54. 00	= = = :losure	\$0.00		\$0.00
	BTEX PAH Total Lead	x x x e Time of	\$ <u>121.00[</u> 400. \$ <u>291.00[228.</u> \$ <u>69.00[</u> 54.00 Permanent C	= = = :losure	\$0.00 \$0.00		

GENERAL INSTRUCTIONS UST Optional Soil Removal at Permanent Closure Reimbursement Worksheet

Instructions provided are for the DWM 4288, UST Optional Soil Removal at Permanent Closure Reimbursement Worksheet. For any questions regarding any section of this form, please call the Division of Waste Management's Underground Storage Tank (UST) Branch. This form must be completed either by typing or by printing legibly with black ink.

All sections shall be completed to be accepted by the cabinet. If this form is not complete (including all required additional documentation) a deficiency letter will be sent to the applicant for corrections.

This reimbursement worksheet shall be completed, per 401 KAR 42:250, Section 9, to initiate reimbursement for optional soil removal outside the excavation zone completed in accordance with Section 4.16 of the UST Corrective Action Manual, incorporated by reference in 401 KAR 42:060. This reimbursement worksheet shall also be completed, if applicable, for the transportation and disposal or treatment, at a permitted facility, of contaminated material and water from within the excavation zone when performed in conjunction with optional soil removal. The formulated task rates prescribed in this reimbursement worksheet shall include facility visits, scheduling, oversight personnel, labor, equipment, and material needed in order to perform the listed actions, per the UST PSTEAF Reimbursement Rates, incorporated by reference in 401 KAR 42:250. Reimbursement shall be contingent upon a technical completeness determination by the cabinet and meeting the requirements of 401 KAR Chapter 42. The entry level, in accordance with 401 KAR 42:250, Section 5, shall not be deducted from the eligible reimbursement if the petroleum storage tank ow ner or operator performs optional soil removal outside the excavation zone during permanent closure.

Submit DWM 4288 form via mail, fax, or electronically:

Kentucky Department for Environmental Protection Division of Waste Management Underground Storage Tank Branch 300 Sower Boulevard, Second Floor Frankfort, KY 40601 Phone: (502) 564-5981 Fax: (502) 564-6094 https://eec.ky.gov/Environmental-Protection/Waste/underground-storage-tank/Pages/default.aspx

General Information:

- Agency Interest Number (AI) Enter the agency interest number for the facility.
- PSTEAF Application Number Enter the PSTEAF Application for Assistance number.
- Date of Permanent Closure Enter the date permanent closure occurred.
- **Dimensions of the Optional Soil Removal Area(s)** Enter the excavation dimensions of the optional soil removal for each area where performed (*length x width x depth*). Attach [an-]additional pages as necessary. Dimensions shall correspond with the dimensions in the UST Closure Assessment Report Checklist, DWM 4262.

Section	1.	Asphalt/Concrete Removal:
		a. Asphalt Removal – Enter the number of square feet based upon the total area (total square footage) of asphalt over-excavated outside the excavation zone. Enter the thickness of the asphalt removed worksheet and support with photographs.
		b. Concrete Removal – Enter the number of square feet based upon the total area (total square footage) of concrete over-excavated outside the excavation zone in the space corresponding with the appropriate concrete thickness and presence of rebar. Support with photographs verifying actual thickness, and the absence or presence of rebar.
		c. Transportation and Disposal of Asphalt at a Permitted Facility – Enter the tons of asphalt/concrete removed outside the excavation zone that w as disposed, based upon the mileage to the nearest regulated facility. Weight tickets shall be submitted to support the tonnage.
Section	2.	Excavation and Disposal or Treatment of Contaminated Material:
		a. Mobilization and Demobilization of Heavy Equipment and Oversight Personnel to the Regulated Facility – Enter the round trip mileage from the eligible company or partnership's nearest office to the regulated facility for both the heavy equipment and oversight personnel. Only one (1) round trip mileage for heavy equipment shall be reimbursed.
		b. Per Diem – Enter the number of overnight stays for personnel providing oversight. Submit copies of hotel receipts and time sheets, with the claim submittal, to support the overnight stay with the worksheet, if applicable.
		c. Field Equipment – Enter the number of days in which optional soil removal outside the excavation zone occurred in both spaces provided (i.e., field equipment and tools of the trade).
		d. Excavation of Contaminated Material – Enter the tons of contaminated soil removed outside of the excavation zone, as documented by weigh tickets, submitted with the worksheet. This amount shall correspond with the tonnage identified in the UST Closure Assessment Report Checklist, DWM 4262. If weigh tickets are not submitted to verify tonnage, reimbursement shall be made based on the actual area of over-excavation. The volume of the excavated area (cubic yards) shall be converted to tons utilizing a conversion factor of 1.5 (tons per cubic yard).

		 e. Purchase and Transportation of Backfill Material – Enter the tons of backfill material purchased for the area outside the excavation zone. Reimbursement shall be based upon weigh tickets submitted, supporting the tons of backfill material purchased and transported from the nearest quarry. If the backfill is from a borrow area, reimbursement shall be based on the number of tons as determined in Section 2(d) above, unless weigh tickets can be submitted to support actual tonnage. f. Install, Compact, and Grade Backfill – Enter the tons of backfill material identified in Section 2(e) above. Reimbursement shall be based upon the weigh tickets submitted, supporting the number of tons of backfill material purchased for the area outside the excavation zone. If the soil is from a borrow area, the total number of tons disposed or treated shall be the basis of reimbursement unless weigh tickets can be submitted to support the actual
		tonnage.
		g. Transportation and Disposal or Treatment of Contaminated Material at a Permitted Facility – Enter the tons of backfill material identified in Section 2(d) above. Reimbursement shall be contingent upon verification through the submittal of weigh tickets and based upon the verified tonnage disposed or treated at the nearest permitted facility. Weigh tickets from the permitted facility shall be submitted with this worksheet to support the tonnage disposed or treated. If weigh tickets are not submitted to verify tonnage, reimbursement shall be made based on the actual area of over-excavation. The volume of the excavated area (cubic yards) shall be converted to tons utilizing a conversion factor of 1.5 (tons per cubic yard).
		h. Pumping and Transportation of Contaminated Pit Water or Groundwater – Enter <u>cost incurred for[the number</u> of gallons of] contaminated water pumped and transported for disposal or treatment. <u>The invoice and[This amount shall correspond with the]</u> waste manifest provided for disposal or treatment <u>shall be submitted listing gallons</u> disposed or treated.
		i. Disposal or Treatment of Pit Water or Groundwater at a Permitted Facility – Enter <u>cost incurred for[the number of gallons of]</u> contaminated water disposed or treated. <u>The invoice and waste manifest shall be submitted listing gallons disposed or treated[This shall correspond with the gallons entered in Section 2(h) above and the waste manifest provided for disposal or treatment].</u>
Section	3.	Transportation, Disposal or Treatment, at a Permitted Facility, and Replacement of Contaminated Backfill Material from within the Excavation Zone: