

DUKE COST PROPOSAL					
Line Item	Unit	Unit Cos	Quantity	Total Cost (Low)	Total Cost (High)
Construction Management (10%)				\$ 1,189,000.00	\$ 1,814,000.00
Odor& Dust Control				\$ 2,570,000.00	\$ 2,850,000.00
Demolition				\$ 1,033,000.00	\$ 1,433,000.00
Excavation				\$ 3,034,000.00	\$ 4,045,500.00
Shoring				\$ 2,388,000.00	\$ 3,204,000.00
Transportation and Disposal				\$ 5,618,000.00	\$ 7,407,400.00
Backfill				\$ 1,505,000.00	\$ 1,730,000.00
Wastewater Management				\$ 1,024,000.00	\$ 1,024,000.00
Utility Relocation				\$ 2,000,000.00	\$ 2,000,000.00
Site Restoration				\$ 213,000.00	\$ 213,000.00
Site Closure				\$ 75,000.00	\$ 100,000.00
Miscellaneous				\$ 45,000.00	\$ 45,000.00
				\$ 20,694,600.00	\$ 25,865,900.00
	Engineering & Administration (5%)			\$ 1,034,730.00	\$ 1,293,295.00
	Construction Management (10%)			\$ 2,069,460.00	\$ 2,586,590.00
Total Cost				\$ 23,798,790.00	\$ 29,745,785.00

DUKE COST PROPOSAL (Breakdown)					
Line Item	Unit	Unit Cost(\$)	Quantity	Total Cost (Low)	Total Cost (High)
Site Preparation & Mobilization				\$ 1,189,000.00	\$ 1,814,000.00
Permitting	LS	200,000	1	\$ 200,000.00	\$ 250,000.00
Mobilization /Demobilization	LS	500,000	1	\$ 500,000.00	\$ 1,000,000.00
Constuction Survey	LS	50,000	1	\$ 50,000.00	\$ 75,000.00
Well Abandonment	LS	30,000	1	\$ 30,000.00	\$ 30,000.00
Site Preparation					
Temporary facilities & control	LS	125,000	1	\$ 125,000.00	\$ 125,000.00
Erosion & sediment & stormwater management	LS	250,000	1	\$ 250,000.00	\$ 300,000.00
Stabilized construction entrance	EA	5,000	2	\$ 10,000.00	\$ 10,000.00
Truck wash	EA	7,000	2	\$ 14,000.00	\$ 14,000.00
Decontamination Area	LS	10,000	1	\$ 10,000.00	\$ 10,000.00
Odor& Dust Control				\$ 2,570,000.00	\$ 2,850,000.00
Tent Structure & Air Handling Unit Support	LS	1,260,000	1	\$ 1,260,000.00	\$ 1,400,000.00
Air Handling Units	LS	1,260,000	1	\$ 1,260,000.00	\$ 1,260,000.00
Dust Control	LS	50,000	1	\$ 50,000.00	\$ 50,000.00
Demolition				\$ 1,033,000.00	\$ 1,433,000.00
Cut, Cap and Diospose gas feeder pipes	LS	25,000	1	\$ 25,000.00	\$ 25,000.00
Demolish on site buildings	LS	400,000	1	\$ 400,000.00	\$ 600,000.00
Demolish existing gas holders	Ea	100,00	4	\$ 400,000.00	\$ 600,000.00
Demolish existing pavement	SF	160	130,000	\$ 208,000.00	\$ 208,000.00
Excavation				\$ 3,034,000.00	\$ 4,045,500.00
Perimeter Ambient Air Monitoring	LS	1,750,000	1	\$ 1,750,000.00	\$ 2,500,000.00
Excavation Confirmatory Sampling					
Sample collection and default Parameter Analysies Suite	EA	300	600	\$ 180,000.00	\$ 180,000.00
Analyze samples for addiional parameter suite	Ea	300	60	\$ 18,000.00	\$ 18,000.00
Excavation of Impacted Soil					
Excavation of soil	CY	5	78,000	\$ 390,000.00	\$ 540,000.00
Removal of tar from gas holders	CY	10	11,125	\$ 111,300.00	\$ 222,500.00
Conditioning Area	LS	75,000	1	\$ 75,000.00	\$ 75,000.00
Conditioning Agent	CY	150	1,000	\$ 15,000.00	\$ 150,000.00
Conditioning wet soils prior to disposal	CY	20	18,000	\$ 360,000.00	\$ 360,000.00
Shoring				\$ 2,388,000.00	\$ 3,204,000.00
10-ft excavation sheet material (whaler 7 brace)	SF	30	3,600	\$ 108,000.00	\$ 108,000.00
10-ft install and remove sheet	SF	20	60,000	\$ 1,200,000.00	\$ 1,728,000.00
20-ft excavation sheet material (whaler 7 brace)	SF	30	7,200	\$ 216,000.00	\$ 216,000.00
20-ft install and remove sheet	SF	20	43,200	\$ 864,000.00	\$ 1,152,000.00
Transportation and Disposal				\$ 5,618,000.00	\$ 7,407,400.00
Demolition Debris (hazardous)	LS	10,000	1	\$ 10,000.00	\$ 10,000.00
Subsurface Debris (non-hazardous)	LS	75,000	1	\$ 75,000.00	\$ 75,000.00
Hazardous waste (5%of statined soil)	CY	300	3900	\$ 1,170,000.00	\$ 1,350,000.00
Non-Hazardous waste (95% of stained soil)	CY	45	84,669	\$ 3,810,000.00	\$ 3,847,500.00
Tar from Gas Holders (hazardous)	CY	300	-		\$ 1,260,000.00
Tar from Gas Holders (non-hazardous)	CY	46	11,125	\$ 500,600.00	\$ 812,300.00
Hazardous Waste (Liquid)	LS	50,000	1	\$ 50,000.00	\$ 50,000.00
Spent Vapor Phase Activated Carbon	TN	17	150	\$ 2,600.00	\$ 2,600.00
Backfill				\$ 1,505,000.00	\$ 1,730,000.00
Imported Structural Fill	CY	15	98,000	\$ 1,470,000.00	\$ 1,695,000.00
Fine Grading	LS	35,000	1	\$ 35,000.00	\$ 35,000.00
Wastewater Management				\$ 1,024,000.00	\$ 1,024,000.00
Dewatering Systems in Excavation Areas	Day	200	540	\$ 108,000.00	\$ 108,000.00
Excavate & install sump pits	EA	2,000	48	\$ 96,000.00	\$ 96,000.00
Wastewater management mobile plant	LS	500,000	1	\$ 500,000.00	\$ 500,000.00
Collection & treatment system equipment and operation	LS	30000	1	\$ 300,000.00	\$ 300,000.00
Sanitary sewer discharge fees	GAL	0.01	2000000	\$ 20,000.00	\$ 20,000.00
Utility Relocation				\$ 2,000,000.00	\$ 2,000,000.00
Relocation of Electric Lines	LS	500,000	1	\$ 500,000.00	\$ 500,000.00
Relocation of Gas Pipline	LS	500,000	1	\$ 500,000.00	\$ 500,000.00
Relocation of other utilities	LS	1,000,000	1	\$ 1,000,000.00	\$ 1,000,000.00
Site Restoration				\$ 213,000.00	\$ 213,000.00
Site Closure				\$ 75,000.00	\$ 100,000.00
Miscellaneous				\$ 45,000.00	\$ 45,000.00
TOTAL COST				\$ 20,694,600.00	\$ 25,865,900.00