

Bronco Utah Operations LLC
P.O. Box 527
Emery Utah, 84522
(801) 286-2301

May 03, 2016

C/015/0015
Received 5/4/16
Task ID #5179

Daron Haddock
Utah Division of Oil, Gas and Mining
Coal Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Bronco Utah Operations LLC
Emery Mine
DOGM Permit No. C/015/015
Emery 2 expansion concrete pad addition

Dear Mr. Haddock:

Please consider this a minor revision to the above mentioned permit. Enclosed please find 2 copies including an executed C1 form, C2 form, revised pages, and revised Plate II-1 (Structures and Facilities Main Portal Area). A cd-rom has been included with the submittal in pdf format.

This revision includes concrete foundation pads for a new substation, new screening and crushing facility and a truck loadout to facilitate the Emery 2 expansion project. The area is located in the main portal area and has been previously disturbed and reports to an approved drainage basin. The revised Demo bond calculations are included and only address the addition of the concrete foundation work and not the named structures. The demo bond calculations for the erected structures will be addressed in a future submittal.

If you have any questions concerning this request, please contact Kit Pappas at (435) 286-2027.

Sincerely,



Kit Pappas
Environmental Manager

Attachments:

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Bronco Utah Operations LLC (BUOLLC)

Mine: Emery Mine

Permit Number: 015/0015

Title: BUOLLC e2 Concrete pads main portal

Description: Include reason for application and timing required to implement:

Permit 015/0015 e2 concrete pads main portal

05/16

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ increase decrease.
- Yes No 2. Is the application submitted as a result of a Division Order? DO# _____
- Yes No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the application require or include public notice publication?
- Yes No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes No 9. Is the application submitted as a result of a Violation? NOV # _____
- Yes No 10. Is the application submitted as a result of other laws or regulations or policies?
Explain: _____
- Yes No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes No 13. Does the application require or include collection and reporting of any baseline information?
- Yes No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes No 15. Does the application require or include soil removal, storage or placement?
- Yes No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes No 19. Does the application require or include certified designs, maps or calculation?
- Yes No 20. Does the application require or include subsidence control or monitoring?
- Yes No 21. Have reclamation costs for bonding been provided?
- Yes No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

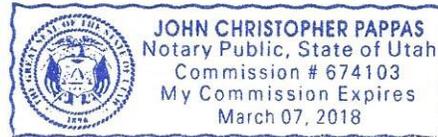
DAN R. BAKER
Print Name

Dan R. Baker CEO 5-3-16
Sign Name, Position, Date

Subscribed and sworn to before me this 3 day of MAY, 2016

John C Pappas
Notary Public

My commission Expires: MARCH 17, 2018 }
Attest: State of UTAH } ss:
County of CARBON



For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining

Emery 2 expansion at Main Portal

Substation concrete pad

Map Code: e1, Plate II-1

Status: Proposed 2016

Additional concrete pad for Emery 2 (e2) expansion substation adjacent to existing mine substation (Map Code 42). The pads contain 75 cubic yards of concrete. The substation area is within the approved surface drainage control area and disturbed area.

Truck Loadout concrete pad

Map Coder e2, Plate II-1

Status: Proposed 2016

Additional concrete pad for Emery 2 (e2) expansion loadout. The dimensions of the concrete pad are 100' x 12' x 8". The laodout area is within the approved surface drainage control area and disturbed area.

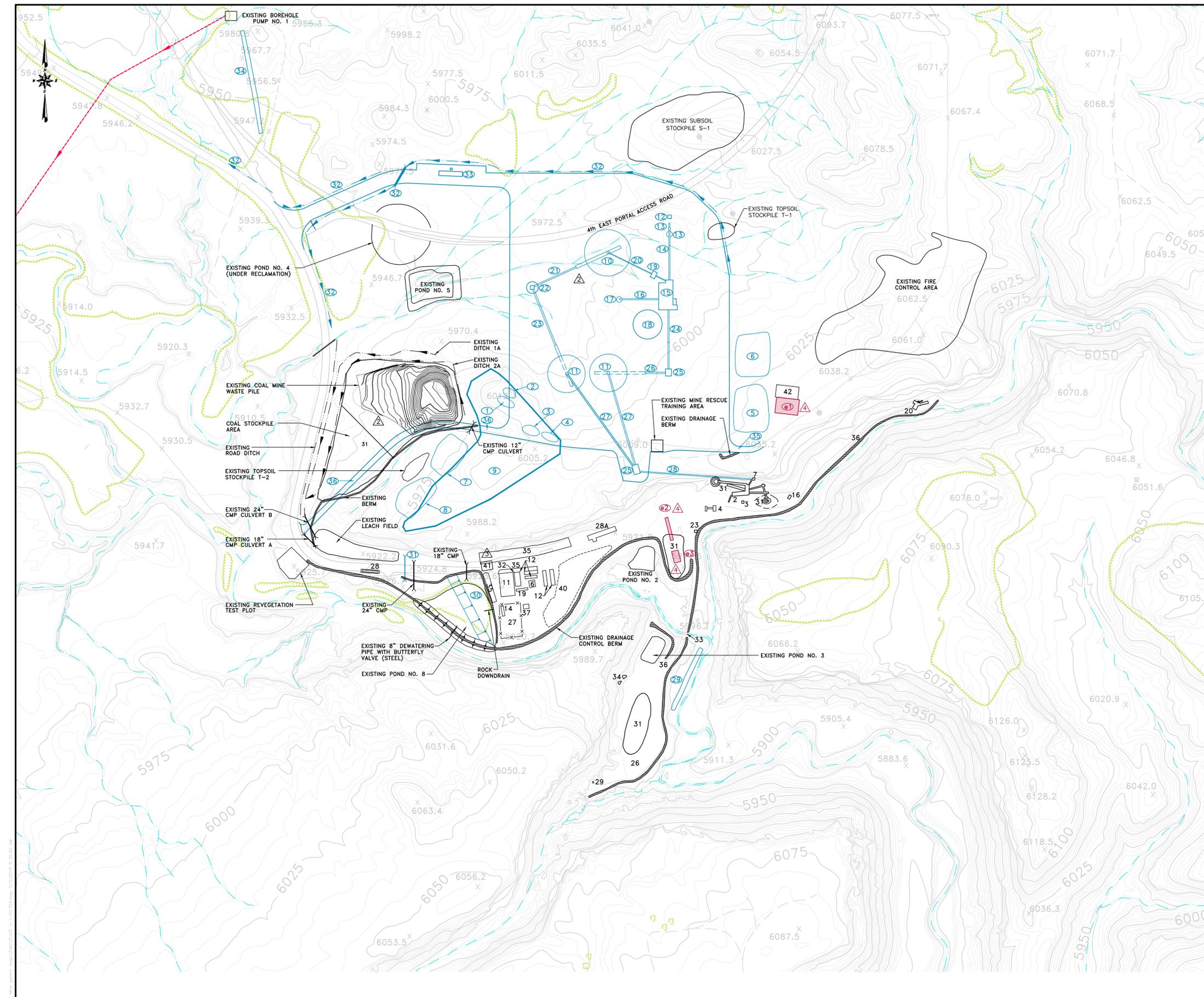
Screening & Crushing concrete pad

Map Code: e3, Plate II-1

Status: Proposed 2016

Additional concrete pad for Emery 2 (e2) expansion screening & crushing area. The dimensions of the concrete pad are 29' x 50' x 3'. The screening & crushing area is within the approved surface drainage control area and disturbed area.

Inserted 5/16



LEGEND

— EXISTING FACILITIES
 — PROPOSED FACILITIES
 — EXISTING BOREHOLE PUMP WATER LINE

PROPOSED FACILITIES KEY

- 1 PROPOSED SUBSOIL STOCKPILE T-8
- 2 PROPOSED SUBSOIL STOCKPILE S-9
- 3 PROPOSED SUBSOIL STOCKPILE T-10
- 4 PROPOSED SUBSOIL STOCKPILE T-10
- 5 PROPOSED SUBSOIL STOCKPILE S-8
- 6 PROPOSED SUBSOIL STOCKPILE T-7
- 7 PROPOSED SUBSOIL STOCKPILE S-7
- 8 PROPOSED SUBSOIL STOCKPILE T-6
- 9 PROPOSED PERMANENT DEVELOPMENT WASTE DISPOSAL SITE
- 10 PROPOSED CLEAN COAL STORAGE AREA
- 11 PROPOSED RAW COAL STORAGE AREA
- 12 PROPOSED STOKER OIL BUILDING
- 13 PROPOSED STOKER COAL BINS
- 14 PROPOSED STOKER COAL BELT
- 15 PROPOSED PREPARATION PLANT
- 16 PROPOSED REFUSE BELT
- 17 PROPOSED 200T REFUSE BIN
- 18 PROPOSED 120" DIA. THICKENER
- 19 PROPOSED SAMPLE BUILDING
- 20 PROPOSED CLEAN COAL STORAGE BELT
- 21 PROPOSED CLEAN COAL LOADOUT BELT
- 22 PROPOSED 2000T LOADOUT SILO
- 23 PROPOSED RAW COAL LOADOUT BELT
- 24 PROPOSED PLANT FEED BELT
- 25 PROPOSED TRANSFER BUILDING
- 26 PROPOSED RAW COAL RECLAIM BELT
- 27 PROPOSED RAW COAL STORAGE BELT
- 28 PROPOSED ROM BELT
- 29 PROPOSED REVEGETATION TEST PLOT FLUME SITE
- 30 PROPOSED EXCESS CUT MATERIAL DISPOSAL SITE
- 31 PROPOSED 18" CMP CULVERT
- 32 PROPOSED PREPARATION PLANT DIVERSION
- 33 PROPOSED TRUCK SCALE
- 34 PROPOSED REVEGETATION TEST PLOT BOREHOLE SITE
- 35 PROPOSED TANK ROAD EXTENSION
- 36 PROPOSED PREP. PLANT ACCESS ROAD

NEW FACILITIES KEY

- ① E2 NEW ADDITIONAL SUBSTATION CONCRETE PAD
- ② E2 NEW TRUCK LOADOUT CONCRETE PAD
- ③ E2 NEW SCREENING AND CRUSHING PAD

- EXISTING FACILITIES KEY**
- 1 STACKER-RECLAIM SYSTEM
 - 2 TIPPLE
 - 3 TIPPLE CONTROL STATION
 - 4 SURFACE STORAGE TANK CONTAINMENT AREA
 - 6 FOREMAN'S BATH HOUSE
 - 10 RETURN AIR PORTAL
 - 11 WAREHOUSE/OFFICE BUILDING
 - 12 BATHHOUSES
 - 14 STORAGE TRAILERS
 - 16 TIPPLE TRANSFORMER BUILDING
 - 19 FOREMAN'S/SHIFT CHANGE OFFICE
 - 20 MINE FAN BUILDING
 - 23 STEAM CLEANER BUILDING
 - 26 SCRAP YARD
 - 27 SUPPLY YARDS
 - 28 OLD TRUCK SCALE FOUNDATION
 - 28A TRUCK SCALE
 - 29 EXPLOSIVES STORAGE
 - 31 COAL STOCKPILE AREA
 - 32 SEWAGE TREATMENT SYSTEM
 - 33 BRIDGE ON QUITCHUPAH CREEK
 - 34 NON-COAL WASTE STORAGE AREA
 - 35 PARKING AREA
 - 36 MINE YARD ROADS
 - 37 MINE RESCUE STORAGE AREA
 - 40 MATERIAL STORAGE AREA
 - 41 TRAINING SITE PAD
 - 42 EXISTING MINE SUBSTATION



	BASE MAP:	NO. DATE BY DESCRIPTION NO. DATE BY DESCRIPTION		DRAWN BY: SWF	CHECKED BY: JAG	ORIGINAL DATE: 8/90	EMERY MINE	CONSOLIDATION COAL COMPANY P.O. BOX 566 SESSER, IL 62884-0566	PLATE II-1 STRUCTURES AND FACILITIES MAIN PORTAL AREA
	EXTERNAL REFERENCE:	REVISIONS: 09/07 JAG UPDATED MAP 01/08 JAG N.O.V. 10005 07/08 JAG TRAINING SITE PAD 05/16 JAG 62-CONCRETE PAD		APPROVED BY: JAG	DWG DATA: G:\UC982\15\PLATE II-1-JUL08.DWG 07-23-08	RE-DRAWN DATE: 9/07	PERMIT NO. ACT015/015		

Bonding Calculations

Direct Costs

Subtotal Demolition and Removal	\$243,651.00	
Subtotal Backfilling and Grading	\$1,916,150.00	
Subtotal Revegetation	\$536,101.00	
Direct Costs	\$2,695,902.00	

Indirect Costs

Mob/Demob	\$268,436.00	10.0%
Contingency	\$134,218.00	5.0%
Engineering Redesign	\$67,109.00	2.5%
Main Office Expense	\$182,537.00	6.8%
Project Mainagement Fee	\$67,109.00	2.5%
Subtotal Indirect Costs	\$719,409.00	26.8%

Total Cost \$3,415,311.00

Escalation factor 0.015
 Number of years 5
 Escalation \$263,057.00

Reclamation Cost Escalated \$3,678,368.00

Bond Amount (rounded to nearest \$1,000)
 2018 Dollars \$3,678,000.00

Bond Posted 2009 dollars \$3,510,000.00

Difference Between Cost Estimate and Bond
 Percent Difference -\$168,000.00
 -4.58%

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Tipple Stacker Reclaim 01																			\$ 31,509
	Tipple Control Station 02																			\$ 422
	Tipple Transformer Bld 03																			\$ 372
	Steam Cleaner Bld 04																			\$ 399
	Transformer Storage Pad 05																			\$ 432
	Mine Substation 06																			\$ 7,319
	Rock Dust Silo 07																			\$ 575
	Mine Fan Bld 08																			\$ 1,548
	Foreman Office Trailer 09																			\$ 1,417
	Warehouse Office Bld 10																			\$ 3,939
	Fresh Water Treatment Bld 11																			\$ 661
	Explosive Storage Bld 12																			\$ 36
	Bathhouse 6 Trailers 13																			\$ 6,104
	Truck Scale Old 14																			\$ 1,383
	Truck Scale New 15																			\$ 1,201
	Bridge Quitcupah Creek 16																			\$ 1,553
	Sewage Pumping Station 17																			\$ 449
	Borehole Pump Facility 18																			\$ 15,116
	Power Line 19																			\$ 4,872
	Metal Storage Bld 20																			\$ 170
	Storage Tank Containment Area 21																			\$ 886
	Water Tank 100000 Gallon 22																			\$ 860
	Stoker Oil Heater Enclosure 23																			\$ 723
	NPDES Outfalls 24																			\$ 906
	Storage Trailers Three 25																			\$ 3,958
	Fence 26																			\$ 2,426
	Seal Portals 27																			\$ 20,800
	Crusher Screen Building 28																			\$ 15,341
	Conveyor System 29																			\$ 478
	Radial Stacker 30																			\$ 1,432
	Water Tank 31																			\$ 7,180
	Rock Dust Bin 32																			\$ 762
	Ventilation Fan 33																			\$ 13,359
	Coal Stockpile Feeder 34																			\$ 89
	Loadout 35																			\$ 9,747
	Powerline 36																			\$ 14,360
	Entrances 4th East 37																			\$ 25,600
	Wind Fence 38																			\$ 1,445
	Cattle Guard 39																			\$ 403
	Concrete Barriers 40																			\$ 1,935
	Sampler Building 41																			\$ 6,202
	Oil Storage Building 42																			\$ 4,144
	Recessed Feeder 43																			\$ 310
	Trash Pit 44																			\$ 932
	Forth East Fence 45																			\$ 12,640
	Skid Mounted Sheds 46																			\$ 4,573
	Rescue Training Pad 47																			\$ 648
	sub conc pad Comp Shed 48																			\$ 3,767
	e2 substation pad e1																			\$ 2,339
	e2 loadout pad e2																			\$ 932
	e2 S & C pad e3																			\$ 4,997
	Total																			\$ 243,651

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Tipple Stacker Reclaim 01																				
	Structure's Demolition Cost	Steel Bld. Large	24116130020	\$ 0.35	/CF						996					CY		26892	CF	\$ 9,412	
	Structure's Vol. Demolished																				
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel	Disposal on site	02 41 16 17 4200	\$ 10.65	/CY																
	Steel's Weight											112				TON		112	TON		
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day									7		HR		0.9	Day	\$ 322	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 9,734	
	Equipment 's Disposal Cost	Steel Bld. Large	24116130020	\$ 0.35	/CF	754	5	3										11310	CF	\$ 3,959	
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs														1		HR		0.1	DY	
	Transport Costs	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day							16				TON		16	TON	\$ 36	
	Disposal Costs																				
	Subtotal																			\$ 3,995	
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						305					CY		305	CY	\$ 3,026	
	Concrete's Vol. Demolished																1.3	397	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														397	CY	\$ 802
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														397	CY	\$ 1,429
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														397	CY	\$ 4,228
	Subtotal																			\$ 9,485	
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						150					CY		150	CY	\$ 1,488	
	Concrete's Vol. Demolished																1.3	195	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														195	CY	\$ 394
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														195	CY	\$ 702
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														195	CY	\$ 2,077
	Subtotal																			\$ 4,661	
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						117					CY		117	CY	\$ 1,161	
	Concrete's Vol. Demolished																1.3	152	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														152	CY	\$ 307
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														152	CY	\$ 547
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														152	CY	\$ 1,619
	Subtotal																			\$ 3,634	
	Total																			\$ 31,509	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Tipple Control Station 02																			
	Structure's Demolition Cost										23					CY		621	CF	\$ -
	Structure's Vol. Demolished										5					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													7	TON	\$ 49
	Disposal Cost Non Steel	Disposal on site	02 41 16 17 4200	\$ 10.65	/CY						6					CY		6	CY	\$ 64
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 256
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY													5.25	CY	\$ 52
	Concrete's Vol. Demolished																1.3	7	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													7	CY	\$ 14
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													7	CY	\$ 25
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													7	CY	\$ 75
	Subtotal																			\$ 166
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 422

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Tipple Transformer Bld 03																			
	Structure's Demolition Cost										69					CY		1863	CF	\$ -
	Structure's Vol. Demolished										5					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													7	TON	\$ 49
	Disposal Cost Non Steel	Disposal on site	02 41 16 17 4200	\$ 10.65	/CY						8					CY		8	CY	\$ 85
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 277
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						3					CY		3	CY	\$ 30
	Concrete's Vol. Demolished																1.3	4	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													4	CY	\$ 8
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													4	CY	\$ 14
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													4	CY	\$ 43
	Subtotal																			\$ 95
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 372

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Steam Cleaner Bld 04																			
	Structure's Demolition Cost										25					CY		675	CF	\$ -
	Structure's Vol. Demolished										5					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													7	TON	\$ 49
	Disposal Cost Non Steel	Disposal on site	02 41 16 17 4200	\$ 10.65	/CY						4					CY		4	CY	\$ 43
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 235
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						5					CY		5	CY	\$ 50
	Concrete's Vol. Demolished																1.3	7	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													7	CY	\$ 14
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													7	CY	\$ 25
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													7	CY	\$ 75
	Subtotal																			\$ 164
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 399

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Transformer Storage Pad 05																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						14					CY		14	CY	\$ 139
	Concrete's Vol. Demolished																1.3	18	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													18	CY	\$ 36
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. trip	3123 23 20 1014	\$ 3.60	/CY													18	CY	\$ 65
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													18	CY	\$ 192
	Subtotal																			\$ 432
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 432

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Mine Substation 06																			
	Structure's Demolition Cost	300 H. P. (D8)	01 54 33 20 4310	\$ 1,897.50	/day															
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Remove Substation																			
	Equipment 's Disposal Cost	300 H. P. (D8)	01 54 33 20 4310	\$ 1,897.50	/day										2	HR		0.3	Day	\$ 569
	Dismantling Cost	Mechanical equipment heavy	25 05 05 10 3600	\$ 1,125.00	/ton										2			6	TON	\$ 6,750
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			\$ 7,319
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 7,319

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Rock Dust Silo 07																			
	Structure's Demolition Cost										112					CY		3024	CF	\$ -
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight											32				TON				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 143
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						14					CY		14	CY	\$ 139
	Concrete's Vol. Demolished																1.3	18	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													18	CY	\$ 36
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													18	CY	\$ 65
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													18	CY	\$ 192
	Subtotal																			\$ 432
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 575

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Mine Fan Bld 08																				
	Structure's Demolition Cost										525					CY		14175	CF	\$ -	
	Structure's Vol. Demolished																				
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight											64				TON					
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 143	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						45					CY		45	CY	\$ 446	
	Concrete's Vol. Demolished																1.3	59	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														59	CY	\$ 119
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														59	CY	\$ 212
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														59	CY	\$ 628
	Subtotal																			\$ 1,405	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 1,548	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Foreman Office Trailer 09																			
	Structure's Demolition Cost					50	20	10								CF		10000	CF	\$ -
	Structure's Vol. Demolished										130					CY	0.35	130	CY	
	Rubble's Weight (exclude steel)												1.4			TON/CY		182	TOM	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													182	TOM	\$ 1,274
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 1,417
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 1,417

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Warehouse Office Bld 10																			
	Structure's Demolition Cost										5496					CY		148392	CF	\$ -
	Structure's Vol. Demolished										60					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY		84	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													84	TON	\$ 588
	Disposal Cost Non Steel																			
	Steel's Weight											96				TON		96	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 874
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Light Floor's																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						58					CY		58	CY	\$ 575
	Concrete's Vol. Demolished																1.3	75	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													75	CY	\$ 152
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													75	CY	\$ 270
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													75	CY	\$ 799
	Subtotal																			\$ 1,796
	Heavy Wall's																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						41					CY		41	CY	\$ 407
	Concrete's Vol. Demolished																1.3	53	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													53	CY	\$ 107
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													53	CY	\$ 191
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													53	CY	\$ 564
	Subtotal																			\$ 1,269
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 3,939

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Fresh Water Treatment Bld 11																			
	Structure's Demolition Cost										226					CY		6102	CF	\$ -
	Structure's Vol. Demolished										15					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY		21	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													21	TON	\$ 147
	Disposal Cost Non Steel																			
	Steel's Weight											21				TON		21	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 290
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished										16					CY		16	CY	
	Loading Costs																			
	Transport Costs	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Disposal Costs	Nielson Construction	Neilson Con.	\$ 7.00	/TON							22				TON		22	TON	\$ 154
	Subtotal																			\$ 297
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						2.5					CY		2.5	CY	\$ 25
	Concrete's Vol. Demolished																1.3	3	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													3	CY	\$ 6
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													3	CY	\$ 11
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													3	CY	\$ 32
	Subtotal																			\$ 74
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 661

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Explosive Storage Bld 12																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight											4				TON				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										1	HR		0.1	Day	\$ 36
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 36
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 36

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Bathhouse 6 Trailers 13																			
	Structure's Demolition Cost					50	20	10							3	CF		30000	CF	\$ -
	Structure's Vol. Demolished											389				CY	0.35			
	Rubble's Weight (exclude steel)												1.4			TON/CY		545	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													545	TON	\$ 3,815
	Disposal Cost Non Steel																			
	Steel's Weight											545				TON		545	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 3,958
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						63					CY	1.3	82	CY	\$ 812
	Concrete's Vol. Demolished																			
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY						82							82	CY	\$ 166
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY						82							82	CY	\$ 295
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF						82							82	CY	\$ 873
	Subtotal																			\$ 2,146
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 6,104

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Truck Scale Old 14																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished										30					CY				
	Rubble's Weight (exclude steel)											42				TON		42	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													42	TON	\$ 294
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 437
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						22					CY		22	CY	\$ 218
	Concrete's Vol. Demolished																	1.3	29	CY
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														29	CY
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														29	CY
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														29	CY
	Subtotal																			\$ 690
	Fill to Grade	Backfill structural 200 HP 300' Dirt	31 23 23 14 5420	\$ 2.08	/CY						123					CY		123	CY	\$ 256
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			\$ 256
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 1,383

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Truck Scale New 15																			
	Structure's Demolition Cost										25					CY		675	CF	\$ -
	Structure's Vol. Demolished										15					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY		21	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													21	TON	\$ 147
	Disposal Cost Non Steel																			
	Steel's Weight											32				TON		32	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 433
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						20					CY		20	CY	\$ 198
	Concrete's Vol. Demolished																1.3	26	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													26	CY	\$ 53
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													26	CY	\$ 94
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													26	CY	\$ 277
	Subtotal																			\$ 622
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Footer's Demolition																			
	Demolition Cost																			
	Footer's Vol. Demolished	Backfill structural 200 HP 300' Dirt	31 23 23 14 5420	\$ 2.08	/CY						70					CY		70	CY	\$ 146
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			\$ 146
	Total																			\$ 1,201

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Bridge Quitchupah Creek 16																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						50					CY		50	CY	\$ 496
	Concrete's Vol. Demolished																1.3	65	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													65	CY	\$ 131
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. trip	3123 23 20 1014	\$ 3.60	/CY													65	CY	\$ 234
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													65	CY	\$ 692
	Subtotal																			\$ 1,553
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 1,553

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Sewage Pumping Station 17																			
	Structure's Demolition Cost										25					CY		675	CF	\$ -
	Structure's Vol. Demolished										5					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 435.96	/day										3	HR		0.4	Day	\$ 174
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													7	TON	\$ 49
	Disposal Cost Non Steel	Disposal on site	02 41 16 17 4200	\$ 8.80	/CY						6					CY		6	CY	\$ 53
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 276
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						1					CY		1	CY	\$ 10
	Concrete's Vol. Demolished																1.3	1	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													1	CY	\$ 2
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													1	CY	\$ 4
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													1	CY	\$ 11
	Subtotal																			\$ 27
	Wall's Demolition																			
	Demolition Cost	Backfill structural 200 HP 300' Dirt	31 23 23 14 5420	\$ 2.08	/CY						70					CY		70	CY	\$ 146
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			\$ 146
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 449

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Borehole Pump Facility 18																			
	Structure's Demolition Cost	Plug Well	AML3	\$ 5,000.00	EA.															
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost	Plug Well	AML3	\$ 5,000.00	EA.										3 EA			3 EA		\$ 15,000
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			\$ 15,000
	Footer's Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						3.5					CY		3.5 CY		\$ 35
	Footer's Vol. Demolished																1.3	5 CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													5 CY		\$ 10
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. trip	3123 23 20 1014	\$ 3.60	/CY													5 CY		\$ 18
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													5 CY		\$ 53
	Subtotal																			\$ 116
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 15,116

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Power Line 19																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost	Wire Removal	26 05 05 10 1900	\$ 28.00	CLF	1.1									3 mile			174	CLF	\$ 4,872
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			\$ 4,872
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 4,872

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Metal Storage Bld 20																			
	Structure's Demolition Cost										345					CY		9315	CF	\$ -
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight											32				TON				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 143
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						1					CY		1	CY	\$ 10
	Concrete's Vol. Demolished																	1.3	1	CY
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														1	CY
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														1	CY
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														1	CY
	Subtotal																			\$ 27
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 170

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Storage Tank Containment Area 21																			
	Structure's Demolition Cost										106					CY		2862	CF	\$ -
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight											1				TON				
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 143
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						24					CY		24	CY	\$ 238
	Concrete's Vol. Demolished																1.3	31	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													31	CY	\$ 63
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													31	CY	\$ 112
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													31	CY	\$ 330
	Subtotal																			\$ 743
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 886

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Water Tank 100000 Gallon 22																			
	Structure's Demolition Cost										490					CY		13230	CF	\$ -
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight											32				TON		32	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 143
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						23					CY		23	CY	\$ 228
	Concrete's Vol. Demolished																1.3	30	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													30	CY	\$ 61
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													30	CY	\$ 108
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													30	CY	\$ 320
	Subtotal																			\$ 717
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 860

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Stoker Oil Heater Enclosure 23																			
	Structure's Demolition Cost										56					CY		1512	CF	\$ -
	Structure's Vol. Demolished										15					CY				
	Rubble's Weight (exclude steel)												1.4			TON/CY		21	TON	
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON													21	TON	\$ 147
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 433
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished										15					CY				
	Loading Costs																			
	Transport Costs	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR		0.4	Day	\$ 143
	Disposal Costs	Nielson Construction	Neilson Con.	\$ 7.00	/TON													21	TON	\$ 147
	Subtotal																			\$ 290
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						0					CY		0	CY	\$ -
	Concrete's Vol. Demolished																1.3	0	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													0	CY	\$ -
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													0	CY	\$ -
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													0	CY	\$ -
	Subtotal																			\$ -
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 723

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	NPDES Outfalls 24																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Footer's Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						20					CY		20	CY	\$ 198
	Footer's Vol. Demolished																1.3	26	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													26	CY	\$ 53
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													26	CY	\$ 94
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													26	CY	\$ 277
	Subtotal																			\$ 622
	Wall's Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						9					CY		9	CY	\$ 89
	Wall's Vol. Demolished																1.3	12	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													12	CY	\$ 24
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													12	CY	\$ 43
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													12	CY	\$ 128
	Subtotal																			\$ 284
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 906

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Storage Trailers Three 25																				
	Structure's Demolition Cost					50	20	10								3	CY		30000	CF	\$ -
	Structure's Vol. Demolished																	0.35	389	CY	
	Rubble's Weight (exclude steel)												1.4						545	TON	
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										3	HR			0.4	Day	\$ 143
	Transportation Cost Non Steel Drive	Nielson Construction	Neilson Con.	\$ 7.00	/TON														545	TON	\$ 3,815
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck																				
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																				\$ 3,958
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																				\$ 3,958

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Fence 26																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Silt Fence Disposal Cost																			
	Silt Fence	Silt fence	31 25 13 10 1000	\$ 0.83	LF	69										FT		69	FT	\$ 57
	Supply Yard Fence	Chain link remove 8'-10'	02 41 13 60 1700	\$ 4.12	/LF	575										FT		575	FT	\$ 2,369
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			\$ 2,426
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 2,426

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Seal Portals 27																			
	Structure's Demolition Cost	Seal Portals	AML1	\$ 5,200.00	EA.										4	EA		4	EA	\$ 20,800
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 20,800
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 20,800

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
28	Crusher Screen Building 28																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						33000					CF		33000	CF	\$ 11,550	
	Structure's Vol. Demolished																0.3	367	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day									46		HR		5.8	Day	\$ 2,074	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 13,624	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						55					CY		55	CY	\$ 546	
	Concrete's Vol. Demolished																1.3	72	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														72	CY	\$ 145
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														72	CY	\$ 259
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														72	CY	\$ 767
	Subtotal																			\$ 1,717	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 15,341	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Conveyor System 29																			
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						1060					CF		1060	CF	\$ 371
	Structure's Vol. Demolished																0.3	12	CY	
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										2	HR		0.3	Day	\$ 107
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 478
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 478

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Radial Stacker 30																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						46					CY		46	CY	\$ 456
	Concrete's Vol. Demolished																1.3	60	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													60	CY	\$ 121
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													60	CY	\$ 216
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													60	CY	\$ 639
	Subtotal																			\$ 1,432
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 1,432

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Water Tank 31																			
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						17177					CF		17177	CF	\$ 6,012
	Structure's Vol. Demolished																0.3	191	CY	
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day									24		HR		3	Day	\$ 1,073
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 7,085
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						3					CY		3	CY	\$ 30
	Concrete's Vol. Demolished																1.3	4	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													4	CY	\$ 8
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													4	CY	\$ 14
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													4	CY	\$ 43
	Subtotal																			\$ 95
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 7,180

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Rock Dust Bin 32																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						1600					CF		1600	CF	\$ 560	
	Structure's Vol. Demolished																0.3	18	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										2	HR		0.3	Day	\$ 107	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 667	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						3					CY		3	CY	\$ 30	
	Concrete's Vol. Demolished																1.3	4	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													4	CY	\$ 8	
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													4	CY	\$ 14	
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													4	CY	\$ 43	
	Subtotal																			\$ 95	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 762	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Ventilation Fan 33																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						29167					CF		29167	CF	\$ 10,208	
	Structure's Vol. Demolished																0.3	324	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day									40		HR		5	Day	\$ 1,788	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 11,996	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						44					CY		44	CY	\$ 436	
	Concrete's Vol. Demolished																1.3	57	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														57	CY	\$ 115
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														57	CY	\$ 205
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														57	CY	\$ 607
	Subtotal																			\$ 1,363	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 13,359	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Coal Stockpile Feeder 34																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						150					CF		150	CF	\$ 53	
	Structure's Vol. Demolished																0.3	2	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day									0.4		HR		0.1	Day	\$ 36	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 89	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 89	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Loadout 35																			
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						23660					CF		23660	CF	\$ 8,281
	Structure's Vol. Demolished																0.3	263	CY	
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day									33		HR		4.1	Day	\$ 1,466
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 9,747
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 9,747

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Powerline 36																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost	Powerpole	Emery Deep 01	\$ 125.00	EA										32	EA		32	EA	\$ 4,000
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			\$ 4,000
	Equipment 's Disposal Cost																			
	Dismantling Cost	Wire Removal	26 05 05 10 1900	\$ 28.00	CLF	36960										LF		370	CLF	\$ 10,360
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			\$ 10,360
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 14,360

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Entrances 4th East 37																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Portals																			
	Equipment 's Disposal Cost	Seal Portals	AML1	\$ 5,200.00	EA.										3 EA			3 EA		\$ 15,600
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Shaft																			
	Equipment 's Disposal Cost	Seal Shaft	AML2	\$ 5,000.00	EA.										1 EA			1 EA		\$ 5,000
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Borehole																			
	Equipment 's Disposal Cost	Plug Well	AML3	\$ 5,000.00	EA.										1 EA			1 EA		\$ 5,000
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			
																				\$ 25,600

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Wind Fence 38																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						1300					CF		1300	CF	\$ 455	
	Structure's Vol. Demolished																0.3	14	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										4	HR		0.5	Day	\$ 179	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 634	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						26					CY		26	CY	\$ 258	
	Concrete's Vol. Demolished																1.3	34	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														34	CY	\$ 69
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														34	CY	\$ 122
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														34	CY	\$ 362
	Subtotal																			\$ 811	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 1,445	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Cattle Guard 39																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						96					CF		96	CF	\$ 34	
	Structure's Vol. Demolished																0.3	1	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										4	HR		0.5	Day	\$ 179	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 213	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						6					CY		6	CY	\$ 60	
	Concrete's Vol. Demolished																1.3	8	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														8	CY	\$ 16
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														8	CY	\$ 29
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														8	CY	\$ 85
	Subtotal																			\$ 190	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 403	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Concrete Barriers 40																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF						96					CF		96	CF	\$ 34	
	Structure's Vol. Demolished																0.3	1	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										1	HR		0.1	Day	\$ 36	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 70	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						60					CY		60	CY	\$ 595	
	Concrete's Vol. Demolished																1.3	78	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														78	CY	\$ 158
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														78	CY	\$ 281
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														78	CY	\$ 831
	Subtotal																			\$ 1,865	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 1,935	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Sampler Building 41																			
	Building	Steel Bld. Large	024116130020	\$ 0.35	/CF	18	12	40								FT		8640	CF	\$ 3,024
	Conveyor	Steel Bld. Large	024116130020	\$ 0.35	/CF	60	2	15								FT		1800	CF	\$ 630
	Conveyor	Steel Bld. Large	024116130020	\$ 0.35	/CF	80	2	15								FT		2400	CF	\$ 840
	Structure's Vol. Demolished																0.3	143	CY	
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day									33		HR		4.1	Day	\$ 1,466
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 5,960
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY	18	12	1								CY		8	CY	\$ 79
	Concrete's Vol. Demolished																1.3	10	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													10	CY	\$ 20
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													10	CY	\$ 36
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													10	CY	\$ 107
	Subtotal																			\$ 242
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 6,202

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Oil Storage Building 42																				
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF	60	18	8								FT		8640	CF	\$ 3,024	
	Structure's Vol. Demolished																0.3	96	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										2	day		2	Day	\$ 715	
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																			\$ 3,739	
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY	60	18	0.33								CY		13	CY	\$ 129	
	Concrete's Vol. Demolished																1.3	17	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														17	CY	\$ 34
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														17	CY	\$ 61
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														17	CY	\$ 181
	Subtotal																			\$ 405	
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																			\$ 4,144	

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Recessed Feeder 43																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						10					CY		10	CY	\$ 99
	Concrete's Vol. Demolished																1.3	13	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													13	CY	\$ 26
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													13	CY	\$ 47
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													13	CY	\$ 138
	Subtotal																			\$ 310
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 310

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Trash Pit 44																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						30					CY		30	CY	\$ 298
	Concrete's Vol. Demolished																1.3	39	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													39	CY	\$ 79
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													39	CY	\$ 140
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													39	CY	\$ 415
	Subtotal																			\$ 932
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 932

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Task2929																			
	Forth East Fence 45																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost	Chain link remove 8'-10'	02 41 13 60 1700	\$ 4.12	/LF	3068										FT		3068	FT	\$ 12,640
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			\$ 12,640
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 12,640

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Task2929																			
	Skid Mounted Sheds 46																			
	Structure's Demolition Cost	Steel Bld. Large	024116130020	\$ 0.35	/CF	10	16	8								1 ft		1280	CF	\$ 448
		Steel Bld. Large	024116130020	\$ 0.35	/CF	8	12	8								2 ft		1536	CF	\$ 538
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck	Truck dump 16 ton payload	01 54 33 20 5300	\$ 357.50	/day										1	day		1	Day	\$ 358
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 1,344
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						104					CY		104	CY	\$ 1,032
	Concrete's Vol. Demolished																1.3	135	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													135	CY	\$ 273
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. trip	3123 23 20 1014	\$ 3.60	/CY													135	CY	\$ 486
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													135	CY	\$ 1,438
	Subtotal																			\$ 3,229
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 4,573

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Rescue Training Pad 47																				
	Structure's Demolition Cost																				
	Structure's Vol. Demolished																				
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck																				
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																				
	Equipment 's Disposal Cost																				
	Dismantling Cost																				
	Equipment 's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY	37	47	0.33								ft		21	CY	\$ 208	
	Concrete's Vol. Demolished																1.3	27	CY		
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY														27	CY	\$ 55
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY														27	CY	\$ 97
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF														27	CY	\$ 288
	Subtotal																				\$ 648
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost																				
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Total																				\$ 648

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Task3103																			
	Substation concrete and compressor shed 48																			
	Structure's Demolition Cost	Wood Bldg Large	024116130020	\$ 0.35	/CF	12	16	8								1 ft		1536	CF	\$ 538
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			\$ 538
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						104					CY		104	CY	\$ 1,032
	Concrete's Vol. Demolished																1.3	135	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													135	CY	\$ 273
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. trip	3123 23 20 1014	\$ 3.60	/CY													135	CY	\$ 486
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													135	CY	\$ 1,438
	Subtotal																			\$ 3,229
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 3,767

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Trash Pit 44																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						75					CY		75	CY	\$ 744
	Concrete's Vol. Demolished																1.3	98	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													98	CY	\$ 198
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													98	CY	\$ 353
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													98	CY	\$ 1,044
	Subtotal																			\$ 2,339
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 2,339

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Trash Pit 44																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						30					CY		30	CY	\$ 298
	Concrete's Vol. Demolished																1.3	39	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													39	CY	\$ 79
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													39	CY	\$ 140
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													39	CY	\$ 415
	Subtotal																			\$ 932
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 932

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Trash Pit 44																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost	Concrete demolition	ConcreteDemo1	\$ 9.92	/CY						161					CY		161	CY	\$ 1,597
	Concrete's Vol. Demolished																1.3	209	CY	
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	\$ 2.02	/CY													209	CY	\$ 422
	Transportation Cost	12 CY (16 Ton) Dump Truck 1/2 mi. rnd. tri	3123 23 20 1014	\$ 3.60	/CY													209	CY	\$ 752
	Disposal Costs	Disposal on site	02 41 16 17 4200	\$ 10.65	/CF													209	CY	\$ 2,226
	Subtotal																			\$ 4,997
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			\$ 4,997