Energy Use Summary

Construction Phase (gallons/construction period	Gasoline	Diesel
Construction Vehicles	30,569	362,201
Worker Trips	38,413	95
Vendor Trips	6,815	70
Haul Trucks	110	111,822
Total	75.906	474.188

Operations Phase (gallons/year) Dam		Gasoline 0	Diesel 0	Natural Gas (kBTU/yr) 0	Electricity (kWh/yr)
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
All Land Uses		0	0	0	0

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hours	Per Day Horsepower	Load Factor	Horsepower Category
Part 1 Site Demolition (Exclude:	s {Excavators	Diesel	Average	1	10 4	25 0.38	300
Part 1 Site Demolition (Exclude:	s {Tractors/Loaders/Backhoes	Diesel	Average	1	10 2	36 0.37	300
Part 2 Site Demolition (Exclude:	s {Excavators	Diesel	Average	1	10 4	25 0.38	300
Part 2 Site Demolition (Exclude:	s { Tractors/Loaders/Backhoes	Diesel	Average	1	10 2	36 0.37	300
Spillway Demolition: Existing Sp	oill Concrete/Industrial Saws	Diesel	Average	4	10	33 0.73	25
Spillway Demolition: Existing Sp	oill Cranes	Diesel	Average	1	10 3	67 0.29	300
Spillway Demolition: Existing Sp	oill Crushing/Proc. Equipment	Gasoline	Average	2	10	12 0.85	25
Spillway Demolition: Existing Sp	oill Excavators	Diesel	Average	2	10	36 0.38	300
Spillway Demolition: Existing Sp	oill Off-Highway Trucks	Diesel	Average	1	10 3	76 0.38	300
Spillway Demolition: Existing Sp	oill Welders	Diesel	Average	1	10	46 0.45	50
Spillway Demolition: Existing Sp	oill Air Compressors	Diesel	Average	3	10	37 0.48	50
Spillway Demolition: Crush Con	cr Crushing/Proc. Equipment	Gasoline	Average	1	10	12 0.85	25
Spillway Demolition: Crush Con	cr Excavators	Diesel	Average	1	10 4	25 0.38	300
Spillway Demolition: Crush Con	cr Tractors/Loaders/Backhoes	Diesel	Average	1	10 2	36 0.37	300
Spillway Demolition: Crush Con	cr Off-Highway Trucks	Diesel	Average	2	10 4	0.38	300
Spillway Demolition: Bridge Pier	r a Concrete/Industrial Saws	Diesel	Average	4	10	33 0.73	25
Spillway Demolition: Bridge Pier	r a Cranes	Diesel	Average	1	10 3	67 0.29	300
Spillway Demolition: Bridge Pier	r a Crushing/Proc. Equipment	Gasoline	Average	2	10	12 0.85	25
Spillway Demolition: Bridge Pier	r a Excavators	Diesel	Average	2	10	36 0.38	300
Spillway Demolition: Bridge Pier	r a Off-Highway Trucks	Diesel	Average	1	10 3	76 0.38	300
Spillway Demolition: Bridge Pier	r a Welders	Diesel	Average	1	10	46 0.45	50
Spillway Demolition: Bridge Pier	a Air Compressors	Diesel	Average	3	10	37 0.48	50
Temporary Flood Control Berm	Excavators	Diesel	Average	1	10 4	25 0.38	300
Temporary Flood Control Berm	Off-Highway Trucks	Diesel	Average	4	10 4	64 0.38	300
Temporary Flood Control Berm	Rubber Tired Dozers	Diesel	Average	1	10 4	74 0.4	100
Temporary Flood Control Berm	Rollers	Diesel	Average	1	10 1	17 0.38	100
Mobilization	Forklifts	Diesel	Average	1	10 1	42 0.2	175
Mobilization	Tractors/Loaders/Backhoes	Diesel	Average	1	10 2	36 0.37	300
Mobilization	Off-Highway Trucks	Diesel	Average	2	10 4	64 0.38	300
Mobilization	Graders	Diesel	Average	1	10 1	30 0.41	175
Mobilization	Excavators	Diesel	Average	1	10 4	25 0.38	300
Mobilization	Skid Steer Loaders	Diesel	Average	2	10 1	0.37	50
Mobilization	Cranes	Diesel	Average	1	10 3	67 0.29	300
Demobilization	Forklifts	Diesel	Average	1	10 1	42 0.2	175
Demobilization	Tractors/Loaders/Backhoes	Diesel	Average	1	10 2	36 0.37	300
Demobilization	Off-Highway Trucks	Diesel	Average	2	10 4	0.38	300
Demobilization	Graders	Diesel	Average	1	10 1	30 0.41	175
Demobilization	Excavators	Diesel	Average	1		25 0.38	300
Demobilization	Skid Steer Loaders	Diesel	Average	2		0.37	50
Demobilization	Cranes	Diesel	Average	1		67 0.29	300
Cleanup	Scrapers	Diesel	Average	2		15 0.48	600
Cleanup	Rubber Tired Dozers	Diesel	Average	3		54 0.4	100
Cleanup	Graders	Diesel	Average	1		90 0.41	175
Cleanup	Tractors/Loaders/Backhoes	Diesel	Average	1		13 0.37	300
Allowance for Piping Install	Excavators	Diesel	Average	1		0.38	300
Allowance for Piping Install	Tractors/Loaders/Backhoes	Diesel	Average	1		41 0.37	300
Allowance for Piping Install	Skid Steer Loaders	Diesel	Average	1		0.37	50
Bypass Pumping Diversion Bea		Diesel	Average	1		14 0.74	25
Inclined Inlet Structure: Steel Pi	•	Diesel	Average	1		36 0.38	100
Inclined Inlet Structure: Steel Pi		Diesel	Average	2		36 0.38	300
Inclined Inlet Structure: Steel Pi	•	Diesel	Average	1		34 0.37	300
Inclined Inlet Structure: Steel Pi		Diesel	Average	1		46 0.45	50
Inclined Inlet Structure: Steel Pi	pe Cranes	Diesel	Average	1	10 3	67 0.29	300

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hours	Per Day Horse	epower Lo	ad Factor	Horsepower Category
Inclined Inlet Structure: Reinfor	ce Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Inclined Inlet Structure: Reinfor	ce Pumps	Diesel	Average	1	10	11	0.74	25
Inclined Inlet Structure: Reinfor	ce Cranes	Diesel	Average	2	10	367	0.29	300
Inclined Inlet Structure: Reinfor	ce Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Inclined Inlet Structure: Reinfor	ce Generator Sets	Diesel	Average	2	10	14	0.74	25
Inclined Inlet Structure: Reinfor	ce Cement and Mortar Mixers	Diesel	Average	3	10	10	0.56	25
Inclined Inlet Structure: Drilled	Foi Bore/Drill Rigs	Diesel	Average	2	10	385	0.5	300
Inclined Inlet Structure: Drilled	Foi Skid Steer Loaders	Diesel	Average	1	10	107	0.37	100
Inclined Inlet Structure: Drilled	For Forklifts	Diesel	Average	1	10	142	0.2	175
Inclined Inlet Structure: Excava	tio Excavators	Diesel	Average	1	10	425	0.38	300
Inclined Inlet Structure: Excava	itio⊦Off-Highway Trucks	Diesel	Average	2	10	464	0.38	300
Inclined Inlet Structure: Stainle	ess Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Inclined Inlet Structure: Stainle	ess Forklifts	Diesel	Average	1	10	142	0.2	175
Inclined Inlet Structure: Stainle	ess Cranes	Diesel	Average	1	10	367	0.29	300
Inclined Inlet Structure: Pneum		Diesel	Average	1	10	107	0.37	50
Inclined Inlet Structure: Pneum	atic Forklifts	Diesel	Average	1	10	142	0.2	175
Inclined Inlet Structure: Pneum	atic Cranes	Diesel	Average	1	10	367	0.29	300
Cofferdam Installation and Rer	mo∖ Cranes	Diesel	Average	2	10	367	0.29	300
Cofferdam Installation and Rer	no∖ Rough Terrain Forklifts	Diesel	Average	1	10	96	0.4	100
Cofferdam Installation and Rer	no∖ Aerial Lifts	Diesel	Average	2	10	46	0.31	50
Cofferdam Installation and Rer	no∖ Generator Sets	Diesel	Average	2	24	14	0.74	25
Cofferdam Installation and Rer	no\ Cranes	Diesel	Average	2	10	367	0.29	300
Cofferdam Installation and Rer	no∖ Rough Terrain Forklifts	Diesel	Average	1	10	96	0.4	100
Cofferdam Installation and Rer	no\ Aerial Lifts	Diesel	Average	2	10	46	0.31	50
Access Road, Crest Ramp, an	d E Graders	Diesel	Average	1	10	290	0.41	175
Access Road, Crest Ramp, an	d E Scrapers	Diesel	Average	3	10	515	0.48	600
Access Road, Crest Ramp, an	d E Rubber Tired Dozers	Diesel	Average	1	10	265	0.4	100
Access Road, Crest Ramp, an	d E Off-Highway Trucks	Diesel	Average	1	10	464	0.38	300
Access Road, Crest Ramp, an	d E Rubber Tired Dozers	Diesel	Average	1	10	474	0.4	100
Access Road, Crest Ramp, an	d E Rollers	Diesel	Average	1	10	405	0.38	100
Access Road, Crest Ramp, an	d E Graders	Diesel	Average	1	10	238	0.41	175
Access Road, Crest Ramp, an	d E Tractors/Loaders/Backhoes	Diesel	Average	1	10	241	0.37	300
Access Road, Crest Ramp, an	d E Rollers	Diesel	Average	1	10	112	0.38	100
Access Road, Crest Ramp, an	d E Excavators	Diesel	Average	1	10	300	0.38	300
Access Road, Crest Ramp, an	d E Off-Highway Trucks	Diesel	Average	2	10	464	0.38	300
Access Road, Crest Ramp, an	d E Rubber Tired Dozers	Diesel	Average	1	5	170	0.4	100
Access Road, Crest Ramp, an	d E Forklifts	Diesel	Average	1	10	142	0.2	175
Access Road, Crest Ramp, an	d E Tractors/Loaders/Backhoes	Diesel	Average	1	5	241	0.37	300
Access Road, Crest Ramp, an	d E Plate Compactors	Diesel	Average	1	10	8	0.43	25
Access Road, Crest Ramp, an	d E Skid Steer Loaders	Diesel	Average	1	10	106	0.37	50
Access Road, Crest Ramp, an	d E Forklifts	Diesel	Average	1	10	142	0.2	175
Access Road, Crest Ramp, an	d E Forklifts	Diesel	Average	1	10	142	0.2	175
Access Road, Crest Ramp, an	d E Generator Sets	Diesel	Average	1	10	14	0.74	25
Access Road, Crest Ramp, an	d E Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Access Road, Crest Ramp, an	d E Pumps	Diesel	Average	1	10	11	0.74	25
Access Road, Crest Ramp, an	•	Diesel	Average	1	10	173	0.5	175
Access Road, Crest Ramp, an	d E Tractors/Loaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Access Road, Crest Ramp, an		Diesel	Average	1	10	107	0.37	50
Access Road, Crest Ramp, an		Diesel	Average	1	10	10	0.56	25
Dam Control Building: Pt 1 CM		Diesel	Average	1	5	142	0.2	175
Dam Control Building: Pt 1 CM		Diesel	Average	1	5	107	0.37	100
Dam Control Building: Pt 1 CM		Diesel	Average	1	5	74	0.38	75
Dam Control Building: Pt 2 CM		Diesel	Average	1	5	142	0.2	175
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Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hour	s Per Day Horse	power Loa	ad Factor	Horsepower Category
Dam Control Building: Pt 2 CM	U (Skid Steer Loaders	Diesel	Average	1	5	107	0.37	100
Dam Control Building: Pt 2 CM	U (Excavators	Diesel	Average	1	5	74	0.38	75
Dam Control Building: Reinford	ced Forklifts	Diesel	Average	1	5	142	0.2	175
Dam Control Building: Reinford	ced Generator Sets	Diesel	Average	1	10	14	0.74	25
Dam Control Building: Reinford	ed Skid Steer Loaders	Diesel	Average	1	10	107	0.37	100
Dam Control Building: Reinford	ced Pumps	Diesel	Average	1	10	11	0.74	25
Dam Control Building: Reinford	ced Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
	ced Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Dam Control Building: Reinford	ed Skid Steer Loaders	Diesel	Average	1	5	107	0.37	100
Dam Control Building: Reinford	ced Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Dam Control Building: Metal Fr	arr Forklifts	Diesel	Average	1	5	142	0.2	175
Dam Control Building: Metal Fr	arr Cranes	Diesel	Average	1	10	367	0.29	300
Dam Control Building: Ancillary	/ F∉Forklifts	Diesel	Average	1	5	142	0.2	175
Dam Control Building: Ancillary		Diesel	Average	1	5	367	0.29	300
Downstream Outlet Works Pip	ing Excavators	Diesel	Average	1	10	300	0.38	300
Downstream Outlet Works Pip	ing Off-Highway Trucks	Diesel	Average	2	10	464	0.38	300
Downstream Outlet Works Pip	ing Rubber Tired Dozers	Diesel	Average	1	10	170	0.4	175
Downstream Outlet Works Pip	ing Excavators	Diesel	Average	1	10	300	0.38	300
Downstream Outlet Works Pip	ing Tractors/Loaders/Backhoes	Diesel	Average	1	10	241	0.37	300
Downstream Outlet Works Pip	ing Off-Highway Trucks	Diesel	Average	2	10	464	0.38	300
Downstream Outlet Works Pip	ing Plate Compactors	Diesel	Average	1	10	8	0.43	25
Downstream Outlet Works Pip	ing Cranes	Diesel	Average	1	5	367	0.29	300
Downstream Outlet Works Pip	ing Forklifts	Diesel	Average	1	5	142	0.2	175
Downstream Outlet Works Pip	ing Generator Sets	Diesel	Average	1	10	14	0.74	25
Downstream Outlet Works Pip		Diesel	Average	1	10	107	0.37	50
Downstream Outlet Works Pip	ing Pumps	Diesel	Average	1	10	11	0.74	25
Downstream Outlet Works Pip	ing Bore/Drill Rigs	Diesel	Average	1	10	173	0.5	175
Downstream Outlet Works Pip	ing Tractors/Loaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Downstream Outlet Works Pip	ing Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Downstream Outlet Works Pip	ing Cement and Mortar Mixers	Diesel	Average	3	10	10	0.56	25
Downstream Outlet Works Pip	ing Rollers	Diesel	Average	1	10	36	0.38	100
Downstream Outlet Works Pip	ing Excavators	Diesel	Average	3	10	36	0.38	300
Downstream Outlet Works Pip	ing Tractors/Loaders/Backhoes	Diesel	Average	1	10	84	0.37	300
Downstream Outlet Works Pip	ing Welders	Diesel	Average	1	10	46	0.45	50
Downstream Outlet Works Pip	ing Rollers	Diesel	Average	1	10	36	0.38	100
Downstream Outlet Works Pip	ing Excavators	Diesel	Average	3	10	36	0.38	300
Downstream Outlet Works Pip	ing Tractors/Loaders/Backhoes	Diesel	Average	1	10	84	0.37	300
Downstream Outlet Works Pip	ing Welders	Diesel	Average	1	10	46	0.45	50
Downstream Outlet Works Pip	ing Forklifts	Diesel	Average	1	5	142	0.2	175
Downstream Outlet Works Pip	ing Cranes	Diesel	Average	1	5	367	0.29	300
Downstream Outlet Works Pip		Diesel	Average	1	8	300	0.38	300
•	ing Tractors/Loaders/Backhoes	Diesel	Average	1	5	241	0.37	300
Downstream Outlet Works Pip		Diesel	Average	1	5	8	0.43	25
Downstream Outlet Works Pip	•	Diesel	Average	1	24	14	0.74	25
Downstream Outlet Works Pip		Diesel	Average	1	5	300	0.38	300
	ing Tractors/Loaders/Backhoes	Diesel	Average	1	5	241	0.37	300
Downstream Outlet Works Pip		Diesel	Average	1	5	8	0.43	25
Pedestrian Access Walkway, S		Diesel	Average	1	10	300	0.38	300
Pedestrian Access Walkway, S		Diesel	Average	2	10	464	0.38	300
Pedestrian Access Walkway, S		Diesel	Average	1	5	367	0.29	300
Pedestrian Access Walkway, S		Diesel	Average	1	5	142	0.2	175
Pedestrian Access Walkway, S		Diesel	Average	1	10	14	0.74	25
Pedestrian Access Walkway, S	Stai Skid Steer Loaders	Diesel	Average	1	8	107	0.37	50

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hours	Per Day Horsepo	wer Load Fact	or Horsepower Category
Pedestrian Access Walkway, S	Stai Pumps	Diesel	Average	1	5	11	0.74 25
Pedestrian Access Walkway, S	Stai Bore/Drill Rigs	Diesel	Average	1	5	173	0.5 175
Pedestrian Access Walkway, S	Stai Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37 300
Pedestrian Access Walkway, S	Stai Skid Steer Loaders	Diesel	Average	1	5	107	0.37 50
Pedestrian Access Walkway, S	Stai Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56 25
Pedestrian Access Walkway, S	Stai Cranes	Diesel	Average	2	10	367	0.29 300
Pedestrian Access Walkway, S	Stai Forklifts	Diesel	Average	1	10	142	0.2 175
Pedestrian Access Walkway, S	Stai Generator Sets	Diesel	Average	1	10	14	0.74 25
Pedestrian Access Walkway, S	Stai Forklifts	Diesel	Average	1	10	142	0.2 175
Pedestrian Access Walkway, S	Stai Cranes	Diesel	Average	1	10	367	0.29 300
Pedestrian Access Walkway, S	Stai Graders	Diesel	Average	1	10	290	0.41 175
Pedestrian Access Walkway, S	Stai Scrapers	Diesel	Average	3	10		0.48 600
Pedestrian Access Walkway, S	Stai Rubber Tired Dozers	Diesel	Average	1	10	265	0.4 100
Pedestrian Access Walkway, S	Stai Bore/Drill Rigs	Diesel	Average	2	10	385	0.5 300
Pedestrian Access Walkway, S		Diesel	Average	1	10		0.37 50
Pedestrian Access Walkway, S	Stai Forklifts	Diesel	Average	1	10	142	0.2 175
Pedestrian Access Walkway, S	Stai Bore/Drill Rigs	Diesel	Average	2	10	385	0.5 300
Pedestrian Access Walkway, S	Stai Skid Steer Loaders	Diesel	Average	1	10	107	0.37 100
Pedestrian Access Walkway, S	Stai Forklifts	Diesel	Average	1	10	142	0.2 175
Pedestrian Access Walkway, S	Stai Excavators	Diesel	Average	1	10	201	0.38 300
Pedestrian Access Walkway, S	Stai Pumps	Diesel	Average	1	10	11	0.74 25
Pedestrian Access Walkway, S	Stai Bore/Drill Rigs	Diesel	Average	1	5	173	0.5 175
Pedestrian Access Walkway, S	Stai Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37 300
Pedestrian Access Walkway, S	Stai Cement and Mortar Mixers	Diesel	Average	2	10	10	0.56 25
Pedestrian Access Walkway, S	Stai Air Compressors	Diesel	Average	1	10	37	0.48 50
Spillway Site Excavations	Excavators	Diesel	Average	1	10	485	0.38 300
Spillway Site Excavations	Excavators	Diesel	Average	1	10	425	0.38 300
Spillway Site Excavations	Off-Highway Trucks	Diesel	Average	4	10	464	0.38 300
Spillway Site Excavations	Rubber Tired Dozers	Diesel	Average	1	10	474	0.4 100
Rock Slope Stabilization	Bore/Drill Rigs	Diesel	Average	2	10	385	0.5 300
Rock Slope Stabilization	Skid Steer Loaders	Diesel	Average	1	10	107	0.37 50
Rock Slope Stabilization	Forklifts	Diesel	Average	1	10	142	0.2 175
Rock Slope Stabilization	Excavators	Diesel	Average	1	10	201	0.38 300
Rock Slope Stabilization	Pumps	Diesel	Average	1	10	11	0.74 25
Rock Slope Stabilization	Bore/Drill Rigs	Diesel	Average	1	10	173	0.5 175
Rock Slope Stabilization	Cement and Mortar Mixers	Diesel	Average	2	10	10	0.56 25
Rock Slope Stabilization	Tractors/Loaders/Backhoes	Diesel	Average	1	10	286	0.37 300
Rock Slope Stabilization	Air Compressors	Diesel	Average	1	10	37	0.48 50
RCC Weir Support Block	Bore/Drill Rigs	Diesel	Average	1	10	173	0.5 175
RCC Weir Support Block	Pumps	Diesel	Average	3	10	11	0.74 25
RCC Weir Support Block	Plate Compactors	Diesel	Average	1	10	8	0.43 25
RCC Weir Support Block	Cranes	Diesel	Average	1	10	367	0.29 300
RCC Weir Support Block	Generator Sets	Diesel	Average	4	10	14	0.74 25
RCC Weir Support Block	Tractors/Loaders/Backhoes	Diesel	Average	3	10	84	0.37 300
RCC Weir Support Block	Pumps	Diesel	Average	3	10	11	0.74 25
RCC Weir Support Block	Rollers	Diesel	Average	3	10	36	0.38 100
RCC Weir Support Block	Rubber Tired Dozers	Diesel	Average	3	10	367	0.4 100
RCC Weir Support Block	Off-Highway Trucks	Diesel	Average	5	10	376	0.38 300
Side Channel Control Structure		Diesel	Average	1	10	173	0.5 175
Side Channel Control Structure		Diesel	Average	3	10	11	0.74 25
Side Channel Control Structure		Diesel	Average	1	10		0.43 25
Side Channel Control Structure		Diesel	Average	4	10	14	0.74 25
	(Z Tractors/Loaders/Backhoes	Diesel	Average	3	10	84	0.37 100
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Side Charmel Control Structure (2 Pumps Desel Average 3 10 11 0.74 25	Phase Name Equipme	nt Type	Fuel Type	Engine Tier	Number per Hou	ırs Per Day Horse	epower Lo	ad Factor	Horsepower Category
Side Charmel Control Structure (2 Fotcher Timed Dozens Diseal Average 3 10 367 0.4 300 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 5 10 367 0.20 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 5 10 376 0.38 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 300 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 300 0.3 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 300 0.3 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 367 0.20 300 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 96 0.4 100 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 14 0.74 2.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 15 173 0.5 175 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 14 0.74 2.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 10 0.56 2.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 0.56 2.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 0.5 0.5 0.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 0.5 0.5 0.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 0.6 0.4 10 0.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 0.6 0.4 10 0.74 2.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 0.6 0.4 10 0.74 2.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 2 10 0.6 0.4 10 0.74 2.5 Side Charmel Control Structure (2 Off-Highway Tucks Diseal Average 1 10 11 0.74 2.5 Side Charmel Control Structure (2 Off-H	Side Channel Control Structure (Z Pumps		Diesel	Average	3	10	11	0.74	25
Side Charnel Control Structure (2 Crimes Disease Average 1 10 357 0.29 300	Side Channel Control Structure (Z Rollers		Diesel	Average	3	10	36	0.38	50
Side Charnell Corton Structure (2 Off-Highway Trucks Diesel Average 5 10 396 0.38 300	Side Channel Control Structure (Z Rubber T	ired Dozers	Diesel	Average	3	10	367	0.4	300
Side Chamel Corton Structure (2 Surfacing Equipment Diesel Average 2 10 399 0.3 300	Side Channel Control Structure (Z Cranes		Diesel	Average	1	10	367	0.29	300
Diese Average 1 10 11 0.74 25	Side Channel Control Structure (Z Off-Highw	ay Trucks	Diesel	Average	5	10	376	0.38	300
Side Charmel Control Structure (Z Cranies Diesel Average 2 10 367 0.29 300	Side Channel Control Structure (Z Surfacing	Equipment	Diesel	Average	2	10	399	0.3	300
Side Channel Control Structure (2 Generator Sets Diesel Average 2 10 96 0.4 100 Side Channel Control Structure (2 Generator Sets Diesel Average 2 10 14 0.74 25 Side Channel Control Structure (2 Generator Sets Diesel Average 1 5 173 0.5 175 Side Channel Control Structure (2 Generator Sets Diesel Average 2 5 10 0.56 25 Side Channel Control Structure (2 Generator Sets Diesel Average 1 5 286 0.37 300 Side Channel Control Structure (2 Furnish Sets Diesel Average 1 1 1 1 1 1 1 1 1	Side Channel Control Structure (Z Pumps		Diesel	Average	1	10	11	0.74	25
Sick Charmel Control Structure (2 Generators Sets Diesel Average 2 10 14 0.74 2.5	Side Channel Control Structure (Z Cranes		Diesel	Average	2	10	367	0.29	300
Side Channel Control Structure (2 BrouDnil Rigs Diesel Average 2 5 173 0.5 175	Side Channel Control Structure (Z Rough Te	errain Forklifts	Diesel	Average	2	10	96	0.4	100
Side Channel Control Structure (2 Cement and Mortar Mixers Diesel Average 1 5 286 0.37 300	Side Channel Control Structure (Z Generato	r Sets	Diesel	Average	2	10	14	0.74	25
Side Channel Control Structure (2 Tractors) Loaders/Backhoes Diesel Average 2 10 399 0.3 300 Side Channel Control Structure (2 Pumps Diesel Average 2 10 399 0.3 300 Side Channel Control Structure (2 Pumps Diesel Average 2 10 367 0.29 300 Side Channel Control Structure (2 Rough Terain Forkilits Diesel Average 2 10 96 0.4 100 Side Channel Control Structure (2 Rough Terain Forkilits Diesel Average 2 10 96 0.4 100 Side Channel Control Structure (2 Bore/Drill Rigs Diesel Average 2 10 14 0.74 25 Side Channel Control Structure (2 Bore/Drill Rigs Diesel Average 2 10 173 0.5 175 Side Channel Control Structure (2 Bore/Drill Rigs Diesel Average 1 10 266 0.37 300 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 107 0.37 50 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 107 0.37 50 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 11 0.74 25 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 11 0.74 25 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 11 0.74 25 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 11 0.74 25 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 10 0.5 175 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 404 0.38 300 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 36 0.37 300 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 36 0.37 300 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 36 0.37 300 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 36 0.37 300 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 36 0.44 100 Wall Typo 1 Tieback Wall Left (0 Pumps Diesel Average 1 10 17 0.37 50 Wall Typo 1 Tieback Wall Left (0 Pumps Di	Side Channel Control Structure (Z Bore/Drill	Rigs	Diesel	Average	1	5	173	0.5	175
Side Channel Control Structure (Z Pumps Diese Average 1 10 11 0.74 25	Side Channel Control Structure (Z Cement a	ind Mortar Mixers	Diesel	Average	2	5	10	0.56	25
Side Channel Control Structure (2 Fumps Diesel Average 1 10 11 0.74 25	Side Channel Control Structure (Z Tractors/	_oaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Side Channel Control Structure (Z Cranes Diesel Average 2 10 367 0.29 300	Side Channel Control Structure (Z Surfacing	Equipment	Diesel	Average	2	10	399	0.3	300
Side Channel Control Structure Zeough Terrain Forklitts Diesel Average 2 10 96 0.4 100 Side Channel Control Structure Zeonerator Sets Diesel Average 2 10 173 0.5 175 Side Channel Control Structure Zeonerator Sets Diesel Average 2 10 173 0.5 175 Side Channel Control Structure Zeonerator Sets Diesel Average 1 10 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Sidd Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Pumps Diesel Average 1 10 111 0.74 25 Wall Type 1 Tieback Wall Left (0+ Browp Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Geometral and Mortar Mixers Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 2 10 425 0.38 300 Wall Type 1 Tieback Wall Left (0+ Chean and Mortar Mixers Diesel Average 3 10 464 0.38 300 Wall Type 1 Tieback Wall Left (0+ Rubber Tiene Dozers Diesel Average 1 10 354 0.4 100 Wall Type 1 Tieback Wall Left (0+ Rubber Tiene Dozers Diesel Average 1 10 354 0.4 100 Wall Type 1 Tieback Wall Left (0+ Rubber Tiene Dozers Diesel Average 1 10 364 0.4 100 Wall Type 1 Tieback Wall Left (0+ Rubber Tiene Dozers Diesel Average 1 10 10 0.74 25 Wall Type 1 Tieback Wall Left (0+ Rubber Tiene Dozers Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Rubber Tiene Dozers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Sidd Steer Loaders Diesel Average 1 10 0.74 25 Wall Type 1 Tieback Wall Left (0+ Sidd Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Sidd Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Sidd Steer Loade	Side Channel Control Structure (Z Pumps		Diesel	Average	1	10	11	0.74	25
Side Channel Control Structure 2 Generator Sets Diesel	Side Channel Control Structure (Z Cranes		Diesel	Average	2	10	367	0.29	300
Side Channel Control Structure (2 Boro/Drill Rigs Diesel Average 1 10 173 0.5 175	Side Channel Control Structure (Z Rough Te	errain Forklifts	Diesel	Average	2	10	96	0.4	100
Side Channel Control Structure (2 TractorstLoaders/Backhoes Diesel Average 1 10 266 0.37 300	Side Channel Control Structure (Z Generato	r Sets	Diesel	Average	2	10	14	0.74	25
Wall Type Tleback Wall Left (0 PSkid Steer Loaders Diesel Average 1 10 11 0.74 25	Side Channel Control Structure (Z Bore/Drill	Rigs	Diesel	Average	2	10	173	0.5	175
Wall Type Tileback Wall Left (0+ Pumps Diese Average 1 10 11 0.74 25	Side Channel Control Structure (Z Tractors/	_oaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Wall Type Tieback Wall Left (0+ Borer Drill Rigs Diese Average 2 10 10 0.56 25	Wall Type 1 Tieback Wall Left (0+ Skid Stee	r Loaders	Diesel	Average	1	10	107	0.37	50
Wall Type Tieback Wall Left (0+ Cament and Mortar Mixers Diesel Average 2 10 10 0.56 25	Wall Type 1 Tieback Wall Left (0+ Pumps		Diesel	Average	1	10	11	0.74	25
Wall Type Tieback Wall Left (0+Tractors/Loaders/Backhoes Diesel Average 2 10 425 0.38 300 Wall Type Tieback Wall Left (0+Chravators Diesel Average 2 10 425 0.38 300 Wall Type Tieback Wall Left (0+Off-Highway Trucks Diesel Average 3 10 464 0.38 300 Wall Type Tieback Wall Left (0+Off-Highway Trucks Diesel Average 1 10 354 0.4 100 Wall Type Tieback Wall Left (0+Diet Compactors Diesel Average 1 10 354 0.4 100 Wall Type Tieback Wall Left (0+Diet Compactors Diesel Average 1 10 11 0.74 25 Wall Type Tieback Wall Left (0+Diet Compactors Diesel Average 1 10 117 0.74 25 Wall Type Tieback Wall Left (0+Diet Compactors Diesel Average 1 10 107 0.74 25 Wall Type Tieback Wall Left (0+Diet Compactors Diesel Average 1 10 107 0.74 25 Wall Type Tieback Wall Left (0+Diet Compactors Diesel Average 1 5 173 0.5 175 Wall Type Tieback Wall Left (0+Diet Compactors Diesel Average 1 5 173 0.5 175 Wall Type Tieback Wall Left (0+Diet Compressors Diesel Average 1 5 107 0.37 50 Wall Type Tieback Wall Left (0+Compactors Diesel Average 1 10 10 0.56 25 Wall Type Tieback Wall Left (0+Diet Compressors Diesel Average 1 10 10 0.56 25 Wall Type Tieback Wall Left (0+Diet Compressors Diesel Average 2 10 399 0.3 300 Wall Type Tieback Wall Left (0+Diet Compressors Diesel Average 2 10 367 0.29 300 Wall Type Tieback Wall Left (0+Diet Compactor Sets Diesel Average 2 10 367 0.29 300 Wall Type Tieback Wall Left (0+Diet Compactor Sets Diesel Average 2 10 367 0.29 300 Wall Type Tieback Wall Left (0+Diet Compactor Sets Diesel Average 1 5 173 0.5 175 Wall Type Tieback Wall Left (0+Diet Compactor Sets Diesel Average 1 5 173 0.5 175 Wall Type Tieback Wall Left (0+Diet Compactor Sets Diesel Average 1 5	Wall Type 1 Tieback Wall Left (0+ Bore/Drill	Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 1 Tieback Wall Left (0+Excavators Diesel Average 2 10 425 0.38 300	Wall Type 1 Tieback Wall Left (0+ Cement a	ind Mortar Mixers	Diesel	Average	2	10	10	0.56	25
Wall Type 1 Tieback Wall Left (0+ Off-Highway Trucks Diesel Average 1 10 354 0.4 100 Wall Type 1 Tieback Wall Left (0+ Rubber Tired Dozers Diesel Average 1 10 354 0.4 100 Wall Type 1 Tieback Wall Left (0+ Plate Compactors Diesel Average 1 10 8 0.43 25 Wall Type 1 Tieback Wall Left (0+ Plate Compactors Diesel Average 1 10 107 0.37 100 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 2 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Compressors Diesel Average 2 10 399 0.3 300 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Governor Martar Mixers Diesel	Wall Type 1 Tieback Wall Left (0+ Tractors/	_oaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 1 Tieback Wall Left (0+ Rubber Tired Dozers Diesel Average 1 10 354 0.4 100	Wall Type 1 Tieback Wall Left (0+ Excavato	rs	Diesel	Average	2	10	425	0.38	300
Wall Type 1 Tieback Wall Left (0+ Plate Compactors Diesel Average 1 10 8 0.43 25	Wall Type 1 Tieback Wall Left (0+ Off-Highw	ay Trucks	Diesel	Average	3	10	464	0.38	300
Wall Type 1 Tieback Wall Left (0+ Pumps Diesel Average 1 10 11 0.74 25	Wall Type 1 Tieback Wall Left (0+ Rubber T	ired Dozers	Diesel	Average	1	10	354	0.4	100
Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 10 107 0.37 100 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Incompressors Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Incompressors Diesel Average 2 10 399 0.3 300 Wall Type 1 Tieback Wall Left (0+ Unmps Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Granes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Granes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Granes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Granes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Granes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Granes Diesel Average 2 10 367 0.37 300 Wall Type 1 Tieback Wall Left (0+ Granes Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders Diesel Average 1 5 173 0.5 0.5 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 10 0.37 50 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 10 10 0.37 50 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 10 10 0.37 50 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1	Wall Type 1 Tieback Wall Left (0+ Plate Cor	npactors	Diesel	Average	1	10	8	0.43	25
Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Stid Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 1 0 0 0.56 25 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Grancs Diesel Average 2 10 39 0.3 300 Wall Type 1 Tieback Wall Left (0+ Grancs) Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Rough Terrain Forklifts Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Growth Wall Left (0+ Growth Wall Left (0+ Growth Wall Left	Wall Type 1 Tieback Wall Left (0+ Pumps		Diesel	Average	1	10	11	0.74	25
Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Air Compressors Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Surfacing Equipment Diesel Average 2 10 399 0.3 300 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1	Wall Type 1 Tieback Wall Left (0+ Skid Stee	r Loaders	Diesel	Average	1	10	107	0.37	100
Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Surfacing Equipment Diesel Average 2 10 399 0.3 300 Wall Type 1 Tieback Wall Left (0+ Pumps Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Rough Terrain Forklifts Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Rough Terrain Forklifts Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1	Wall Type 1 Tieback Wall Left (0+Bore/Drill	Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Air Compressors Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Surfacing Equipment Diesel Average 2 10 399 0.3 300 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Gonerator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 </td <td>Wall Type 1 Tieback Wall Left (0+ Tractors/</td> <td>_oaders/Backhoes</td> <td>Diesel</td> <td>Average</td> <td>1</td> <td>5</td> <td>286</td> <td>0.37</td> <td>300</td>	Wall Type 1 Tieback Wall Left (0+ Tractors/	_oaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 1 Tieback Wall Left (0+ Air Compressors Diesel Average 1 10 37 0.48 50 Wall Type 1 Tieback Wall Left (0+ Surfacing Equipment Diesel Average 2 10 399 0.3 300 Wall Type 1 Tieback Wall Left (0+ Pumps Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Gener Institute (0+ Skid Steer Loaders) Diesel Average	Wall Type 1 Tieback Wall Left (0+ Skid Stee	r Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 1 Tieback Wall Left (0+ Surfacing Equipment Diesel Average 2 10 399 0.3 300 Wall Type 1 Tieback Wall Left (0+ Pumps Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Rough Terrain Forklifts Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Greent and Mortar Mixers Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1	Wall Type 1 Tieback Wall Left (0+ Cement a	ind Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 1 Tieback Wall Left (0+ Pumps Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 10	Wall Type 1 Tieback Wall Left (0+ Air Comp	ressors	Diesel	Average	1	10	37	0.48	50
Wall Type 1 Tieback Wall Left (0+ Cranes Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Left (0+ Rough Terrain Forklifts Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average	Wall Type 1 Tieback Wall Left (0+ Surfacing	Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 1 Tieback Wall Left (0+ Rough Terrain Forklifts Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Genent and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right (0+ Excavators Diesel Average	Wall Type 1 Tieback Wall Left (0+ Pumps		Diesel	Average	1	10	11	0.74	25
Wall Type 1 Tieback Wall Left (0+ Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Forklifts Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Right ((5 Kid Steer Loaders Diesel Average 1 10 201 0.38 300 Wall Typ	Wall Type 1 Tieback Wall Left (0+ Cranes		Diesel	Average	2	10	367	0.29	300
Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Gement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Forklifts Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Fumps Diesel Average 1 <td>Wall Type 1 Tieback Wall Left (0+Rough Te</td> <td>errain Forklifts</td> <td>Diesel</td> <td>Average</td> <td>2</td> <td>10</td> <td>96</td> <td>0.4</td> <td>100</td>	Wall Type 1 Tieback Wall Left (0+Rough Te	errain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 1 Tieback Wall Left (0+ Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Fumps Diesel Average <td< td=""><td>Wall Type 1 Tieback Wall Left (0+ Generato</td><td>r Sets</td><td>Diesel</td><td>Average</td><td>2</td><td>10</td><td>14</td><td>0.74</td><td>25</td></td<>	Wall Type 1 Tieback Wall Left (0+ Generato	r Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Forklifts Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 1 10 201 0.38 300 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders Diesel Average 1 10 201 0.38 300 Wall Type 1 Tieback Wall Right ((Fumps Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Fumps Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right ((Fumps) <td>Wall Type 1 Tieback Wall Left (0+ Bore/Drill</td> <td>Rigs</td> <td>Diesel</td> <td>Average</td> <td>1</td> <td>5</td> <td>173</td> <td>0.5</td> <td>175</td>	Wall Type 1 Tieback Wall Left (0+ Bore/Drill	Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 1 Tieback Wall Left (0+ Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Forklifts Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders Diesel Average 1 10 201 0.38 300 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Pumps Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Forklifts) Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right ((Forklifts) Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Left (0+ Tractors/	_oaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 1 Tieback Wall Left (0+ Bore/Drill Rigs Diesel Average 2 10 385 0.5 300 Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Forklifts Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 1 10 201 0.38 300 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Pumps) Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right ((Bore/Drill Rigs) Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Left (0+ Skid Stee	r Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 1 Tieback Wall Left (0+ Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Left (0+ Forklifts Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 1 10 201 0.38 300 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Pumps) Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right ((Bore/Drill Rigs) Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Left (0+ Cement a	ind Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 1 Tieback Wall Left (0+ Forklifts Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 1 10 201 0.38 300 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Pumps) Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right ((Bore/Drill Rigs) Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Left (0+ Bore/Drill	Rigs	Diesel	Average	2	10	385	0.5	300
Wall Type 1 Tieback Wall Left (0+ Excavators Diesel Average 1 10 201 0.38 300 Wall Type 1 Tieback Wall Right ((Skid Steer Loaders) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Pumps) Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right ((Bore/Drill Rigs) Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Left (0+ Skid Stee	r Loaders	Diesel	Average	1	10	107	0.37	50
Wall Type 1 Tieback Wall Right ((Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right ((Pumps Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right ((Bore/Drill Rigs Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Left (0+ Forklifts		Diesel	Average	1	10	142	0.2	175
Wall Type 1 Tieback Wall Right (Pumps Diesel Average 1 10 11 0.74 25 Wall Type 1 Tieback Wall Right (Bore/Drill Rigs Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Left (0+ Excavato	rs	Diesel	Average	1		201	0.38	
Wall Type 1 Tieback Wall Right (Bore/Drill Rigs Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Right ((Skid Stee	r Loaders	Diesel	Average	1	10	107	0.37	
,,	Wall Type 1 Tieback Wall Right ((Pumps		Diesel	Average	1	10	11	0.74	
Wall Type 1 Tieback Wall Right ((Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300	Wall Type 1 Tieback Wall Right ((Bore/Drill	Rigs	Diesel	Average	1	5	173	0.5	
	Wall Type 1 Tieback Wall Right ((Tractors/	_oaders/Backhoes	Diesel	Average	1	5	286	0.37	300

Val Type 1 Tebesck Wall Right (General and Morta Miners) Diesel Average 1 0 10 0.55 2.5 Wall Type 1 Tebesck Wall Right (Excavators) Wall Type 1 Tebesck Wall Right (Florid Companions) Diesel Average 1 10 18 0.43 25 Wall Type 1 Tebesck Wall Right (Florid Companions) Diesel Average 1 10 11 17 2.5 Wall Type 1 Tebesck Wall Right (Florid Companions) Diesel Average 1 10 11 10 7 2.5 Wall Type 1 Tebesck Wall Right (Florid Companions) Diesel Average 1 10 117 0.37 50 Wall Type 1 Tebesck Wall Right (Sid Steri Loaders) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tebesck Wall Right (Excavators) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tebesck Wall Right (Excavators) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tebesck Wall Right (Excavators) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tebesck Wall Right (Excavators) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tebesck Wall Right (Excavators) Diesel Average 1 10 107 0.37 50 Wall Type 1 Tebesck Wall Right (Excavators) Diesel Average 1 10 10 10 10 10 10 Wall Type 1 Tebesck Wall Right (Excavators) Diesel Average 1 10 10 10 10 10 10 10	Phase Name Equipr	ment Type	Fuel Type	Engine Tier	Number per H	ours Per Day Hors	epower Loa	ad Factor	Horsepower Category
Wall Type Tebnack Wall Fight (Exclusions Diesel Average 2 10 425 0.38 300 Wall Type Tebnack Wall Fight (Following Type Tebnack Wall Fig	Wall Type 1 Tieback Wall Right ((Skid S	teer Loaders	Diesel	Average	1	5	107	0.37	50
Vall Type 1 Teback Wall Egipt (Colt-Highway) Turcks Diesel Average 1 10 354 0.4 100 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 354 0.4 100 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 8 0.43 25 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 11 0.74 25 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 11 0.74 25 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 17 0.37 0.5 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 0.77 0.37 0.5 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 0.70 0.37 0.5 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 0.70 0.37 0.5 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 0.70 0.37 0.5 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 0.70 0.37 0.6 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 0.70 0.37 0.6 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 1 10 0.70 0.37 0.6 0.5 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 2 10 0.56 0.37 0.0 0.3 0.0 Vall Type 1 Teback Wall Egipt (Epite Competors Diesel Average 2 10 0.57 0.0 0.0 0.0 Vall Type 1 Teback Wall Egipt (Epite Competor Egipt Diesel Average 2 10 0.57 0.0 0.0 0.0 Vall Type 1 Teback Wall Egipt (Epite Competor Egipt Diesel Average 2 10 0.5 0.0 0.	Wall Type 1 Tieback Wall Right ((Cemei	nt and Mortar Mixers	Diesel	Average	4	10	10	0.56	25
Wall Type 1 Teback Wall Right (Fulled Corpactors Diesel Average 1 10 354 0.4 100	Wall Type 1 Tieback Wall Right ((Excava	ators	Diesel	Average	2	10	425	0.38	300
Wall Type 1 Teleback Wall Right (Plate Compactors Diesel Average 1 10 8 0.43 25	Wall Type 1 Tieback Wall Right ((Off-Hig	ghway Trucks	Diesel	Average	3	10	464	0.38	300
Wall Type 1 Teback-Wall Right (Fumps Diesel Average 1 10 11 0.74 25	Wall Type 1 Tieback Wall Right ((Rubbe	r Tired Dozers	Diesel	Average	1	10	354	0.4	100
Wall Type 1 Telback Wall Right (16 for Poll Rigs Diesel Average 1 10 107 0.37 50	Wall Type 1 Tieback Wall Right ((Plate (Compactors	Diesel	Average	1	10	8	0.43	25
Wall Type 1 Teleback Wall Right (Forther Bigs Diesel Average 1 10 173 0.5 175	Wall Type 1 Tieback Wall Right ((Pumps	3	Diesel	Average	1	10	11	0.74	25
Wall Type 1 Teleback Wall Right (1 TractorsLuoders-Rackhoes Diesel Average 1 10 266 0.37 300 Wall Type 1 Telback Wall Right (1 Camert and Motar Misors Diesel Average 1 10 10 0.56 25 Wall Type 1 Telback Wall Right (1 Camert and Motar Misors Diesel Average 1 10 10 0.56 25 Wall Type 1 Telback Wall Right (1 Camert and Wall Type 1 Tel	Wall Type 1 Tieback Wall Right ((Skid S	teer Loaders	Diesel	Average	1	10	107	0.37	50
Wall Type 1 Tieback Wall Right (Commet and Mortar Mixers Diesel Average 1 10 107 0.37 50	Wall Type 1 Tieback Wall Right ((Bore/D	Orill Rigs	Diesel	Average	1	10	173	0.5	175
Wall Type 1 Tieback Wall Right (Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25	Wall Type 1 Tieback Wall Right ((Tracto	rs/Loaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Wall Type 1 Tieback Wall Right (K Jur Compressors Diesel Average 2 10 39 0.3 300 Wall Type 1 Tieback Wall Right (Carless Diesel Average 2 10 397 0.25 Wall Type 1 Tieback Wall Right (Crares Diesel Average 2 10 367 0.29 300 Wall Type 1 Tieback Wall Right (Ganerator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Right (Ganerator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Right (Ganerator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Right (Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Right (Generator Sets Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Right (Cemerat and Motar Misers Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Right (Generator Right Right Generator Right Right Right Generator Right Right Right Right Right Right Right Right Righ	Wall Type 1 Tieback Wall Right ((Skid S	teer Loaders	Diesel	Average	1	10	107	0.37	50
Wall Type 1 Tieback Wall Right (Pumps Diesel Average 1 1 0 11 0.74 25	Wall Type 1 Tieback Wall Right ((Cemei	nt and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 1 Tieback Wall Right (Corners Diesel Average 2 10 367 0.29 300	Wall Type 1 Tieback Wall Right ((Air Co	mpressors	Diesel	Average	1	10	37	0.48	50
Wall Type 1 Tieback Wall Right (Comes Diesel Average 2 10 367 0.29 3.00	Wall Type 1 Tieback Wall Right ((Surfac	ing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 1 Tieback Wall Right (Generator Sets Diesel Average 2 10 96 0.4 100 Wall Type 1 Tieback Wall Right (Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Tieback Wall Right (Tractors) Loaders/Backhoes Diesel Average 1 5 173 0.5 175 Wall Type 1 Tieback Wall Right (Tractors) Loaders/Backhoes Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Right (Cement and Mortar Mixers Diesel Average 1 5 107 0.37 50 Wall Type 1 Tieback Wall Right (Cement and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Tieback Wall Right (Generator Mortar Mixers Diesel Average 2 10 83 0.5 100 Wall Type 1 Tieback Wall Right (Escardors Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right (Escardors Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right (Escardors Diesel Average 1 10 107 0.37 50 Wall Type 1 Tieback Wall Right (Escardors Diesel Average 1 10 142 0.2 175 Wall Type 1 Tieback Wall Right (Escardors Diesel Average 1 10 10 10 10 10 10 10	Wall Type 1 Tieback Wall Right ((Pumps	3	Diesel	Average	1	10	11	0.74	25
Wall Type 1 Teback Wall Right (Generator Sets Diesel Average 2 10 14 0.74 25 Wall Type 1 Teback Wall Right (Bore/Dill Rigs Diesel Average 1 5 286 0.37 300 Wall Type 1 Teback Wall Right (Carrotar) Loaders Diesel Average 1 5 286 0.37 300 Wall Type 1 Teback Wall Right (Carrotar) Loaders Diesel Average 1 10 10 0.56 25 Wall Type 1 Teback Wall Right (General and Mortar Mixers Diesel Average 1 10 10 0.56 25 Wall Type 1 Teback Wall Right (General and Mortar Mixers Diesel Average 2 10 83 0.5 100 Wall Type 1 Teback Wall Right (General Right (Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Type 1 Teback Wall Right (General R	Wall Type 1 Tieback Wall Right ((Cranes	S	Diesel	Average	2	10	367	0.29	300
Wall Type 1 Theback Wall Right (I Borte/Drill Rigs Diesel Average 1 5 173 0.5 175	Wall Type 1 Tieback Wall Right ((Rough	Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 1 Teback Wall Right (Carders Desel Average 1 5 286 0.37 300	Wall Type 1 Tieback Wall Right ((General	ator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 1 Tleback Wall Right (Skid Steer Loaders Diesel Average 1	Wall Type 1 Tieback Wall Right ((Bore/D	Orill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type Tileback Wall Right (Cement and Mortar Mixers Diesel Average 2 10 83 0.5 100	Wall Type 1 Tieback Wall Right ((Tracto	rs/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type Tileback Wall Right (Blot Sheet Laders Diesel Average 1 10 107 0.37 50 Wall Type Tileback Wall Right (Fichfilfs Diesel Average 1 10 1142 0.2 175 Wall Type Tileback Wall Right (Fichfilfs Diesel Average 1 10 142 0.2 175 Wall Type Tileback Wall Right (Excavators Diesel Average 1 10 201 0.38 300 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 10 221 0.38 300 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 10 142 0.2 175 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 10 142 0.2 175 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 10 142 0.2 175 Wall Transitions: Left Secart Pile Skid Steer Loaders Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secart Pile Tractors/Loaders/Backhoes Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secart Pile Excavators Diesel Average 1 5 107 0.37 50 Wall Transitions: Left Secart Pile Skid Steer Loaders Diesel Average 2 10 10 0.56 25 Wall Transitions: Left Secart Pile Gement and Morfar Mixers Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secart Pile Gement and Morfar Mixers Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secart Pil Grant Pil Craces Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secart Pil Skid Steer Loaders Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secart Pil Skid Steer Loaders Diesel Average 1 10 10 10 0.56 25 Right Closure Wall: Work Platforr Excavat	Wall Type 1 Tieback Wall Right ((Skid S	teer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 1 Tieback Wall Right (I Skid Steer Loaders Diesel Average 1 10 107 0.37 50	Wall Type 1 Tieback Wall Right ((Cemei	nt and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 1 Tieback Wall Right (Forkilfts Diesel Average 1 10 142 0.2 175	Wall Type 1 Tieback Wall Right ((Bore/D	Orill Rigs	Diesel	Average	2	10	83	0.5	100
Wall Type 1 Tieback Wall Right (Excavators Diesel Average 1 10 201 0.38 300	Wall Type 1 Tieback Wall Right ((Skid S	teer Loaders	Diesel	Average	1	10	107	0.37	50
Wall Transitions: Left Secant Pile Excavators Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secant Pile Cranes Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secant Pile Excavators Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secant Pile Excavators Diesel Average 1 10 142 0.2 175 Wall Transitions: Left Secant Pile Forklifts Diesel Average 1 10 107 0.37 50 Wall Transitions: Left Secant Pile Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secant Pile Bore/Drill Rigs Diesel Average 1 5 286 0.37 300 Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Left Secant Pile Tractors/Loaders/Backhoes Diesel Average 1 5 107 0.37 50 Wall Transitions: Left Secant Pile Camert and Mortar Mixers Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pile Excavators Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 10 425 0.38 300 Right	Wall Type 1 Tieback Wall Right ((Forklift	ts	Diesel	Average	1	10	142	0.2	175
Wall Transitions: Left Secant Pile Cranes Diesel Average 1 5 367 0.29 300 Wall Transitions: Left Secant Pile Excavators Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secant Pile Excavators Diesel Average 1 10 142 0.2 175 Wall Transitions: Left Secant Pile Scratt Pile Stid Steer Loaders Diesel Average 1 1 0 107 0.37 50 Wall Transitions: Left Secant Pile Tractors/Loaders/Backhoes Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secant Pile Carement and Mortar Mixers Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pile Carement and Mortar Mixers Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pile Carement and Mortar Mixers Diesel Average 1 1 1 1 0 1 2 0.37 300 <tr< td=""><td>Wall Type 1 Tieback Wall Right ((Excava</td><td>ators</td><td>Diesel</td><td>Average</td><td>1</td><td>10</td><td>201</td><td>0.38</td><td>300</td></tr<>	Wall Type 1 Tieback Wall Right ((Excava	ators	Diesel	Average	1	10	201	0.38	300
Wall Transitions: Left Secant Pile Excavators Diesel Average 1 10 425 0.38 300 Wall Transitions: Left Secant Pile Forklifts Diesel Average 1 10 142 0.2 175 Wall Transitions: Left Secant Pile Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secant Pile Tractors/Loaders/Backhoes Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pile Transitions: Right Secant Pile Scant Pile	Wall Transitions: Left Secant Pile Excava	ators	Diesel	Average	1	10	425	0.38	300
Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 10 142 0.2 175	Wall Transitions: Left Secant Pile Cranes	S	Diesel	Average	1	5	367	0.29	300
Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Left Secant Pile Tractors/Loaders/Backhoes Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 2 10 425 0.38 300 Wall Transitions: Right Secant Pile Skid Steer Loaders Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Right Secant Pile Sceat Pile Transitors Diesel	Wall Transitions: Left Secant Pile Excava	ators	Diesel	Average	1	10	425	0.38	300
Wall Transitions: Left Secant Pile Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Transitions: Left Secant Pile Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Transitions: Left Secant Pile Ceant Pile Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pile Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pile Cranes Diesel Average 2 10 425 0.38 300 Wall Transitions: Right Secant Pile Cranes Diesel Average 1 10 425 0.38 300 Wall Transitions: Right Secant Pile Forklifts Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Aver	Wall Transitions: Left Secant Pile Forklift	ts	Diesel	Average	1	10	142	0.2	175
Wall Transitions: Left Secant Pile Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pile Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pil Excavators Diesel Average 2 10 425 0.38 300 Wall Transitions: Right Secant Pil Cranes Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pil Forkliffs Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Tractors/Loaders/Backhoes Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Tractors/Loaders/Backhoes Diesel Aver	Wall Transitions: Left Secant Pile Skid S	teer Loaders	Diesel	Average	1	10	107	0.37	50
Wall Transitions: Left Secant Pile Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Left Secant Pile Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pile Excavators Diesel Average 2 10 425 0.38 300 Wall Transitions: Right Secant Pile Forklifts Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pile Forklifts Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pile Bore/Drill Rigs Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pile Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pile Bore/Drill Rigs Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pile Nearch Pile Tractors/Loaders Diesel Average	Wall Transitions: Left Secant Pile Bore/D	Orill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Transitions: Left Secant Pile Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Wall Transitions: Right Secant Pil Excavators Diesel Average 2 10 425 0.38 300 Wall Transitions: Right Secant Pil Cranes Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pil Forklifts Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Right Secant Pil Bore/Drill Rigs Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pile Vill Coaure Wall: Work Platfor Excavators Diesel	Wall Transitions: Left Secant Pile Tracto	rs/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Transitions: Right Secant Pil Excavators Diesel Average 2 10 425 0.38 300 Wall Transitions: Right Secant Pil Cranes Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pil Forklifts Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 <td>Wall Transitions: Left Secant Pile Skid S</td> <td>teer Loaders</td> <td>Diesel</td> <td>Average</td> <td>1</td> <td>5</td> <td>107</td> <td>0.37</td> <td>50</td>	Wall Transitions: Left Secant Pile Skid S	teer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Transitions: Right Secant Pil Cranes Diesel Average 1 5 367 0.29 300 Wall Transitions: Right Secant Pil Forklifts Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Right Secant Pil Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 300 Wall Transitions: Right Secant Pile Veral Pater In Skid Steer Loaders Diesel Ave	Wall Transitions: Left Secant Pile Cemer	nt and Mortar Mixers	Diesel	Average	2	10	10	0.56	25
Wall Transitions: Right Secant Pil Forklifts Diesel Average 1 10 142 0.2 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Right Secant Pil Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 1 0 0.56 25 Right Closure Wall: Work Platforr Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Work Platforr Rubber Tired Dozers Diesel Average	Wall Transitions: Right Secant Pil Excava	ators	Diesel	Average	2	10	425	0.38	300
Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 10 107 0.37 50 Wall Transitions: Right Secant Pil Bore/Drill Rigs Diesel Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pile Work Platforn Excavators Diesel Average 2 10 10 0.56 25 Right Closure Wall: Work Platforn Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Work Platforn Rubber Tired Dozers Diesel Average 1 10 354 0.4 100 Right Closure Wall: Work Platforn Plate Compactors Diesel Aver	Wall Transitions: Right Secant Pil Cranes	S	Diesel	Average	1	5	367	0.29	300
Wall Transitions: Right Secant Pil Bore/Drill Rigs Diesel Average Average 1 5 173 0.5 175 Wall Transitions: Right Secant Pil Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pil Cement and Mortar Mixers Diesel Average 2 10 10 20 0.56 25 Right Closure Wall: Work Platforn Excavators Diesel Average 1 1 0 425 0.38 300 Right Closure Wall: Work Platforn Gff-Highway Trucks Diesel Average 2 10 464 0.38 300 Right Closure Wall: Work Platforn Rubber Tired Dozers Diesel Average 1 1 10 354 0.4 100 Right Closure Wall: Work Platforn Plate Compactors Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Work Platforn Plate Compactors Diesel Average 1 1 10 354 0.4 100 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Cranes Diesel Average 1 1 10 367 0.29 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Scavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Scavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Scavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Scavators Diesel Average	Wall Transitions: Right Secant Pil Forklift	ts	Diesel	Average	1	10	142	0.2	175
Wall Transitions: Right Secant Pil Tractors/Loaders/Backhoes Diesel Average 1 5 286 0.37 300 Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pil Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Right Closure Wall: Work Platforn Excavators Diesel Average 1 1 0 425 0.38 300 Right Closure Wall: Work Platforn Off-Highway Trucks Diesel Average 2 10 464 0.38 300 Right Closure Wall: Work Platforn Rubber Tired Dozers Diesel Average 1 1 0 354 0.4 100 Right Closure Wall: Work Platforn Plate Compactors Diesel Average 1 1 10 8 0.43 25 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile W Excavators Diesel Average 1 1 10 142 0.2 175 Right Closure Wall: Secant Pile W Skid Steer Loaders Diesel Average	Wall Transitions: Right Secant Pil Skid S	teer Loaders	Diesel	Average	1	10	107	0.37	50
Wall Transitions: Right Secant Pil Skid Steer Loaders Diesel Average 1 5 107 0.37 50 Wall Transitions: Right Secant Pil Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Right Closure Wall: Work Platforn Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Work Platforn Off-Highway Trucks Diesel Average 2 10 464 0.38 300 Right Closure Wall: Work Platforn Rubber Tired Dozers Diesel Average 1 10 354 0.4 100 Right Closure Wall: Work Platforn Plate Compactors Diesel Average 1 10 8 0.43 25 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 367 0.29 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 10 425 0.38 300	Wall Transitions: Right Secant Pil Bore/D	Orill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Transitions: Right Secant Pil Cement and Mortar Mixers Diesel Average 2 10 10 0.56 25 Right Closure Wall: Work Platforn Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Work Platforn Off-Highway Trucks Diesel Average 2 10 464 0.38 300 Right Closure Wall: Work Platforn Rubber Tired Dozers Diesel Average 1 10 354 0.4 100 Right Closure Wall: Work Platforn Plate Compactors Diesel Average 1 10 8 0.43 25 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 367 0.29 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 <t< td=""><td>Wall Transitions: Right Secant Pil Tracto</td><td>rs/Loaders/Backhoes</td><td>Diesel</td><td>Average</td><td>1</td><td>-</td><td></td><td></td><td></td></t<>	Wall Transitions: Right Secant Pil Tracto	rs/Loaders/Backhoes	Diesel	Average	1	-			
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Right Closure Wall: Work Platforn Plate Compactors Diesel Average 1 10 8 0.43 25 Right Closure Wall: Secant Pile M Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile M Cranes Diesel Average 1 10 367 0.29 300 Right Closure Wall: Secant Pile M Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile M Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile M Forklifts Diesel Average 1 10 10 425 0.38 300 Right Closure Wall: Secant Pile M Forklifts Diesel Average 1 10 10 142 0.2 175 Right Closure Wall: Secant Pile M Skid Steer Loaders Diesel Average 1 10 10 107 0.37 50	Right Closure Wall: Work Platforn Off-High	ghway Trucks	Diesel	Average	2				
Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Cranes Diesel Average 1 10 367 0.29 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 10 425 0.38 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 10 367 0.29 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 10 367 0.29 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 10 367 0.29 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 10 367 0.29 300 Right Closure Wall: Secant Pile V Forklifts Right Closure Wall: Secant Pile V Skid Steer Loaders Diesel	Right Closure Wall: Work Platforn Rubbe	r Tired Dozers	Diesel	Average	1				
Right Closure Wall: Secant Pile V Cranes Diesel Average 1 1 0 367 0.29 300 Right Closure Wall: Secant Pile V Excavators Diesel Average 1 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 1 10 142 0.2 175 Right Closure Wall: Secant Pile V Skid Steer Loaders Diesel Average 1 1 10 107 0.37 50	Right Closure Wall: Work Platforn Plate (Compactors	Diesel	Average	1	10	8	0.43	
Right Closure Wall: Secant Pile V Excavators Diesel Average 1 10 425 0.38 300 Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 142 0.2 175 Right Closure Wall: Secant Pile V Skid Steer Loaders Diesel Average 1 10 10 107 0.37 50	Right Closure Wall: Secant Pile V Excava	ators	Diesel	Average	1		425	0.38	
Right Closure Wall: Secant Pile V Forklifts Diesel Average 1 10 142 0.2 175 Right Closure Wall: Secant Pile V Skid Steer Loaders Diesel Average 1 10 10 107 0.37 50	3			Average	1				
Right Closure Wall: Secant Pile V Skid Steer Loaders Diesel Average 1 10 107 0.37 50	•			Average	1				
	Right Closure Wall: Secant Pile W Forklift	ts	Diesel	Average	1		142		
Right Closure Wall: Secant Pile V Bore/Drill Rigs Diesel Average 1 5 173 0.5 175	•			Average	· · · · · · · · · · · · · · · · · · ·				
	Right Closure Wall: Secant Pile V Bore/D	Orill Rigs	Diesel	Average	1	5	173	0.5	175

Phase Name Equipment Type	Fuel Type	Engine Tier	Number per Hou	rs Per Day Horse	epower I	oad Factor	Horsepower Category
Right Closure Wall: Secant Pile V Tractors/Loaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Right Closure Wall: Secant Pile V Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Right Closure Wall: Secant Pile V Cement and Mortar Mixers	Diesel	Average	2	10	10	0.56	25
Right Closure Wall: Backfill Conci Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Right Closure Wall: Backfill Conci Pumps	Diesel	Average	1	5	11	0.74	50
Right Closure Wall: Backfill Conci Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Right Closure Wall: Backfill Conci Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Right Closure Wall: Backfill Conci Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Right Closure Wall: Backfill Conci Cement and Mortar Mixers	Diesel	Average	3	10	10	0.56	25
Wall Type 2 - Left: Leveling Conc Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Wall Type 2 - Left: Leveling Conc Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Left: Leveling Conc Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Left: Leveling Conci Cement and Mortar Mixers	Diesel	Average	2	10	10	0.56	25
Wall Type 2 - Left: Leveling Conci Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Left: 1 Inch Concret Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 2 - Left: 1 Inch Concret Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Left: 1 Inch Concret Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 2 - Left: 1 Inch Concret Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 2 - Left: 1 Inch Concret Generator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 2 - Left: 1 Inch Concret Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Left: 1 Inch Concret Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Left: 1 Inch Concret Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 2 - Left: 1 Inch Concret Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 2 - Left: 2.5 Inch Concr Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 2 - Left: 2.5 Inch Concr Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Left: 2.5 Inch Concr Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 2 - Left: 2.5 Inch Concr Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 2 - Left: 2.5 Inch Concr Generator Sets	Diesel	Average	1	10	14	0.74	25
Wall Type 2 - Left: 2.5 Inch Concr Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Left: 2.5 Inch Concr Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Left: 2.5 Inch Concr Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 2 - Left: 2.5 Inch Concr Cement and Mortar Mixers	Diesel	Average	1	10	107	0.56	25
Wall Type 2 - Left: Concrete Footi Surfacing Equipment	Diesel	Average	2	10	399	0.30	300
Wall Type 2 - Left: Concrete Footi Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Left: Concrete Footi Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 2 - Left: Concrete Footi Charles Wall Type 2 - Left: Concrete Footi Rough Terrain Forklifts	Diesel	Average	2	10	96	0.29	100
Wall Type 2 - Left: Concrete Footi Generator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 2 - Left: Concrete Footi Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Left: Concrete Footi Bore/Brill Higs Wall Type 2 - Left: Concrete Footi Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Left: Concrete Footi Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 2 - Left: Concrete Footi Cement and Mortar Mixers	Diesel	Average	1	10	107	0.56	25
Wall Type 2 - Left: Backfill Graders	Diesel	Average	1	10	215	0.41	175
Wall Type 2 - Left: Backfill Excavators	Diesel	Average	1	10	36	0.38	300
Wall Type 2 - Left: Backfill Rollers	Diesel	Average	2	10	36	0.38	100
Wall Type 2 - Left: Backfill	Diesel	Average	5	10	376	0.38	300
Wall Type 2 - Left: Backfill Off-Highway Trucks	Diesel	Average	1	10	376	0.38	300
Wall Type 2 - Left: Reinforced Co Surfacing Equipment	Diesel	Average	2	10	399	0.30	300
Wall Type 2 - Left: Reinforced Col Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Left: Reinforced Col Framps Wall Type 2 - Left: Reinforced Col Cranes	Diesel	Average	2	10	367	0.74	300
Wall Type 2 - Left: Reinforced Col Cranes Wall Type 2 - Left: Reinforced Col Rough Terrain Forklifts	Diesel	Average	2	10	96	0.29	100
Wall Type 2 - Left: Reinforced Col Rough Terrain Forkins Wall Type 2 - Left: Reinforced Col Generator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 2 - Left: Reinforced Co Bore/Drill Rigs	Diesel	Average	1	5	173	0.74	175
Wall Type 2 - Left: Reinforced Col Bore/Brill Rigs Wall Type 2 - Left: Reinforced Col Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Trail 1990 2 - Left. Reilliofoed Ool Hactors/Loaders/Dackfloes	Diesei	Average	'	5	200	0.37	300

Phase Name Equipment Type	Fuel Type	Engine Tier	Number per Hours	Per Day Hors	epower Loa	ad Factor	Horsepower Category
Wall Type 2 - Left: Reinforced Co Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 2 - Left: Reinforced Co Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 2 - Left: Footing Rock / Bore/Drill Rigs	Diesel	Average	2	10	385	0.5	300
Wall Type 2 - Left: Footing Rock / Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Wall Type 2 - Left: Footing Rock / Forklifts	Diesel	Average	1	10	142	0.2	175
Wall Type 2 - Left: Footing Rock / Graders	Diesel	Average	1	10	215	0.41	175
Wall Type 2 - Left: Footing Rock / Excavators	Diesel	Average	1	10	36	0.38	50
Wall Type 2 - Left: Footing Rock / Rollers	Diesel	Average	2	10	36	0.38	50
Wall Type 2 - Left: Footing Rock / Off-Highway Trucks	Diesel	Average	6	10	376	0.38	300
Wall Type 2 - Wall Right: Leveling Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 2 - Wall Right: Leveling Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Wall Right: Leveling Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 2 - Wall Right: Leveling Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 2 - Wall Right: Leveling Generator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 2 - Wall Right: Leveling Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Wall Right: Leveling Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Wall Right: Levelinç Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 2 - Wall Right: Leveling Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 2 - Wall Right: 1 Inch V Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 2 - Wall Right: 1 Inch V Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Wall Right: 1 Inch V Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 2 - Wall Right: 1 Inch V Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 2 - Wall Right: 1 Inch V Generator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 2 - Wall Right: 1 Inch V Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Wall Right: 1 Inch V Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Wall Right: 1 Inch V Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 2 - Wall Right: 1 Inch V Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 2 - Wall Right: 2.5 Inch Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 2 - Wall Right: 2.5 Inch Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Wall Right: 2.5 Inch Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 2 - Wall Right: 2.5 Inch Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 2 - Wall Right: 2.5 Inch Generator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 2 - Wall Right: 2.5 Inch Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Wall Right: 2.5 Inch Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Wall Right: 2.5 Inch Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Wall Type 2 - Wall Right: 2.5 Inch Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 2 - Wall Right: Concret Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 2 - Wall Right: Concret Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 2 - Wall Right: Concret Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 2 - Wall Right: Concret Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 2 - Wall Right: Concret Generator Sets	Diesel	Average	2	10	14	0.74	50
Wall Type 2 - Wall Right: Concret Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 2 - Wall Right: Concret Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 2 - Wall Right: Concret Skid Steer Loaders	Diesel	Average	1	5	107	0.37	100
Wall Type 2 - Wall Right: Concret Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Wall Type 2 - Wall Right: Backfill Graders	Diesel	Average	1	10	215	0.41	175
Wall Type 2 - Wall Right: Backfill Excavators	Diesel	Average	1	10	36	0.38	50
Wall Type 2 - Wall Right: Backfill Rollers	Diesel	Average	2	10	36	0.38	50
Wall Type 2 - Wall Right: Backfill Off-Highway Trucks	Diesel	Average	6	10	376	0.38	300
Wall Type 3 - Left: Roller Compac Bore/Drill Rigs	Diesel	Average	1	10	173	0.5	175
Wall Type 3 - Left: Roller Compac Pumps	Diesel	Average	3	10	11	0.74	50
Wall Type 3 - Left: Roller Compac Plate Compactors	Diesel	Average	1	10	8	0.43	25
Wall Type 3 - Left: Roller Compac Cranes	Diesel	Average	1	10	367	0.29	300

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hours F	Per Day Horse	oower Lo	ad Factor	Horsepower Category
Wall Type 3 - Left: Roller Compa	ac Generator Sets	Diesel	Average	4	10	14	0.74	25
Wall Type 3 - Left: Roller Compa	ac Tractors/Loaders/Backhoes	Diesel	Average	3	10	84	0.37	300
Wall Type 3 - Left: Roller Compa	ac Pumps	Diesel	Average	3	10	11	0.74	50
Wall Type 3 - Left: Roller Compa	ac Rollers	Diesel	Average	3	10	36	0.38	50
Wall Type 3 - Left: Roller Compa	ac Rubber Tired Dozers	Diesel	Average	3	10	367	0.4	300
Wall Type 3 - Left: Roller Compa	ac Off-Highway Trucks	Diesel	Average	5	10	376	0.38	300
Wall Type 3 - Left: CVC Facing	Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Wall Type 3 - Left: CVC Facing	Pumps	Diesel	Average	1	10	11	0.74	50
Wall Type 3 - Left: CVC Facing	Cranes	Diesel	Average	2	10	367	0.29	300
Wall Type 3 - Left: CVC Facing	Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Wall Type 3 - Left: CVC Facing	Generator Sets	Diesel	Average	2	10	14	0.74	25
Wall Type 3 - Left: CVC Facing	Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Wall Type 3 - Left: CVC Facing	Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Wall Type 3 - Left: CVC Facing	Skid Steer Loaders	Diesel	Average	5	5	71	0.37	50
Wall Type 3 - Left: CVC Facing	Cement and Mortar Mixers	Diesel	Average	2	10	10	0.56	25
Wall Type 3 - Right: Roller Com	p։ Bore/Drill Rigs	Diesel	Average	1	10	173	0.5	175
Wall Type 3 - Right: Roller Com	pլ Pumps	Diesel	Average	3	10	11	0.74	50
Wall Type 3 - Right: Roller Com	թ։ Plate Compactors	Diesel	Average	1	10	8	0.43	25
Wall Type 3 - Right: Roller Com	ρε Cranes	Diesel	Average	1	10	367	0.29	300
Wall Type 3 - Right: Roller Com	ρε Generator Sets	Diesel	Average	4	10	14	0.74	25
Wall Type 3 - Right: Roller Com	p: Tractors/Loaders/Backhoes	Diesel	Average	3	10	84	0.37	100
Wall Type 3 - Right: Roller Com	p: Pumps	Diesel	Average	3	10	11	0.74	50
Wall Type 3 - Right: Roller Com	ກະ Rollers	Diesel	Average	3	10	36	0.38	50
Wall Type 3 - Right: Roller Com		Diesel	Average	3	10	367	0.4	300
Wall Type 3 - Right: Roller Com		Diesel	Average	5	10	376	0.38	300
Wall Type 3 - Right: CVC Facing		Diesel	Average	2	10	399	0.3	300
Wall Type 3 - Right: CVC Facing		Diesel	Average	1	10	11	0.74	50
Wall Type 3 - Right: CVC Facing		Diesel	Average	2	10	367	0.29	300
Wall Type 3 - Right: CVC Facing		Diesel	Average	2	10	96	0.4	100
Wall Type 3 - Right: CVC Facing		Diesel	Average	2	10	14	0.74	25
Wall Type 3 - Right: CVC Facing	-	Diesel	Average	1	5	173	0.5	175
Wall Type 3 - Right: CVC Facing		Diesel	Average	1	5	286	0.37	300
Wall Type 3 - Right: CVC Facing		Diesel	Average	1	5	107	0.37	100
Wall Type 3 - Right: CVC Facing	-	Diesel	Average	2	10	10	0.56	25
Wall Type 3 - Right: Backfill	Graders	Diesel	Average	_ 1	10	215	0.41	175
Wall Type 3 - Right: Backfill	Excavators	Diesel	Average	1	10	36	0.38	50
Wall Type 3 - Right: Backfill	Rollers	Diesel	Average	2	10	36	0.38	50
Wall Type 3 - Right: Backfill	Off-Highway Trucks	Diesel	Average	6	10	376	0.38	300
Stilling Basin: RCC	Bore/Drill Rigs	Diesel	Average	1	10	173	0.5	175
Stilling Basin: RCC	Pumps	Diesel	Average	3	10	11	0.74	50
Stilling Basin: RCC	Plate Compactors	Diesel	Average	1	10	8	0.43	25
Stilling Basin: RCC	Cranes	Diesel	Average	1	10	367	0.29	300
Stilling Basin: RCC	Generator Sets	Diesel	Average	4	10	14	0.74	25
Stilling Basin: RCC	Tractors/Loaders/Backhoes	Diesel	Average	3	10	84	0.37	300
Stilling Basin: RCC	Pumps	Diesel	Average	3	10	11	0.74	50
Stilling Basin: RCC	Rollers	Diesel	Average	3	10	36	0.38	50
Stilling Basin: RCC	Rubber Tired Dozers	Diesel	Average	3	10	367	0.4	300
Stilling Basin: RCC	Off-Highway Trucks	Diesel	Average	5	10	376	0.38	300
Stilling Basin: Upstream/Downst		Diesel	Average	2	10	399	0.3	300
Stilling Basin: Upstream/Downst		Diesel	Average	1	10	11	0.74	50
Stilling Basin: Upstream/Downst		Diesel	Average	2	10	367	0.29	300
Stilling Basin: Upstream/Downst		Diesel	Average	2	10	96	0.4	100
Stilling Basin: Upstream/Downst		Diesel	Average	2	10	14	0.74	25
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Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hours	Per Day Horse	epower L	oad Factor	Horsepower Category
Stilling Basin: Upstream/Downs	tre Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Stilling Basin: Upstream/Downs	tre Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Stilling Basin: Upstream/Downs	tre Skid Steer Loaders	Diesel	Average	1	5	107	0.37	100
Stilling Basin: Upstream/Downs	tre Cement and Mortar Mixers	Diesel	Average	2	10	10	0.56	25
Stilling Basin: Basin Steps	Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Stilling Basin: Basin Steps	Pumps	Diesel	Average	1	10	11	0.74	50
Stilling Basin: Basin Steps	Cranes	Diesel	Average	2	10	367	0.29	300
Stilling Basin: Basin Steps	Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Stilling Basin: Basin Steps	Generator Sets	Diesel	Average	2	10	14	0.74	25
Stilling Basin: Basin Steps	Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Stilling Basin: Basin Steps	Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Stilling Basin: Basin Steps	Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Stilling Basin: Basin Steps	Cement and Mortar Mixers	Diesel	Average	2	10	10	0.56	25
Stilling Basin: Chute Blocks	Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Stilling Basin: Chute Blocks	Pumps	Diesel	Average	1	10	11	0.74	50
Stilling Basin: Chute Blocks	Cranes	Diesel	Average	2	8	367	0.29	300
Stilling Basin: Chute Blocks	Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Stilling Basin: Chute Blocks	Generator Sets	Diesel	Average	2	10	14	0.74	25
Stilling Basin: Chute Blocks	Bore/Drill Rigs	Diesel	Average	1	2	173	0.5	175
Stilling Basin: Chute Blocks	Tractors/Loaders/Backhoes	Diesel	Average	1	2	286	0.37	300
Stilling Basin: Chute Blocks	Skid Steer Loaders	Diesel	Average	1	2	107	0.37	50
Stilling Basin: Chute Blocks	Cement and Mortar Mixers	Diesel	Average	2	2	10	0.56	25
Stilling Basin: Dentated Sill	Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Stilling Basin: Dentated Sill	Pumps	Diesel	Average	1	10	11	0.74	50
Stilling Basin: Dentated Sill	Cranes	Diesel	Average	2	10	367	0.29	300
Stilling Basin: Dentated Sill	Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Stilling Basin: Dentated Sill	Generator Sets	Diesel	Average	2	10	14	0.74	25
Stilling Basin: Dentated Sill	Bore/Drill Rigs	Diesel	Average	1	2	173	0.5	175

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hours	Per Day Hors	epower Loa	ad Factor	Horsepower Category
Stilling Basin: Dentated Sill	Tractors/Loaders/Backhoes	Diesel	Average	1	2	286	0.37	300
Stilling Basin: Dentated Sill	Skid Steer Loaders	Diesel	Average	1	2	107	0.37	50
Stilling Basin: Dentated Sill	Cement and Mortar Mixers	Diesel	Average	2	2	10	0.56	25
Spillway Slab Construction: RC0	Bore/Drill Rigs	Diesel	Average	1	10	173	0.5	175
Spillway Slab Construction: RC0	CIPumps	Diesel	Average	6	10	11	0.74	50
Spillway Slab Construction: RC0	C Plate Compactors	Diesel	Average	1	10	8	0.43	25
Spillway Slab Construction: RC0	C Cranes	Diesel	Average	1	10	367	0.29	300
Spillway Slab Construction: RC0	Generator Sets	Diesel	Average	4	10	14	0.74	25
Spillway Slab Construction: RC0	C Tractors/Loaders/Backhoes	Diesel	Average	3	10	84	0.37	100
Spillway Slab Construction: RC0	Rollers	Diesel	Average	3	10	36	0.38	50
Spillway Slab Construction: RC0	Rubber Tired Dozers	Diesel	Average	3	10	367	0.4	300
Spillway Slab Construction: RC0	Off-Highway Trucks	Diesel	Average	5	10	376	0.38	300
Spillway Slab Construction: Spil	lw Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Spillway Slab Construction: Spil	lw Pumps	Diesel	Average	1	10	11	0.74	50
Spillway Slab Construction: Spil	lw Cranes	Diesel	Average	2	10	367	0.29	300
Spillway Slab Construction: Spil	lw Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Spillway Slab Construction: Spil	lw Generator Sets	Diesel	Average	2	10	14	0.74	25
Spillway Slab Construction: Spil	lw Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Spillway Slab Construction: Spil	w Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Spillway Slab Construction: Spil	lw Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Spillway Slab Construction: Spil	lw Cement and Mortar Mixers	Diesel	Average	3	10	10	0.56	25
Spillway Slab Construction: Stil	lir Surfacing Equipment	Diesel	Average	2	10	399	0.3	300
Spillway Slab Construction: Stil	lir Pumps	Diesel	Average	1	10	11	0.74	50
Spillway Slab Construction: Stil	lir Cranes	Diesel	Average	2	10	367	0.29	300
Spillway Slab Construction: Stil	lir Rough Terrain Forklifts	Diesel	Average	2	10	96	0.4	100
Spillway Slab Construction: Stil	lir Generator Sets	Diesel	Average	2	10	14	0.74	25
Spillway Slab Construction: Stil	lir Bore/Drill Rigs	Diesel	Average	1	5	173	0.5	175
Spillway Slab Construction: Stil	lir Tractors/Loaders/Backhoes	Diesel	Average	1	5	286	0.37	300
Spillway Slab Construction: Stil	lir Skid Steer Loaders	Diesel	Average	1	5	107	0.37	50
Spillway Slab Construction: Stil	lir Cement and Mortar Mixers	Diesel	Average	3	10	10	0.56	25
Spillway Slab Construction: Zon	e Bore/Drill Rigs	Diesel	Average	2	10	385	0.5	300
Spillway Slab Construction: Zon	e Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Spillway Slab Construction: Zon	e Forklifts	Diesel	Average	1	10	142	0.2	175
Spillway Slab Construction: Zon	e Bore/Drill Rigs	Diesel	Average	2	10	385	0.5	300
Spillway Slab Construction: Zon	e Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Spillway Slab Construction: Zon		Diesel	Average	1	10	142	0.2	175
Spillway Drains and Cleanouts:		Diesel	Average	1	10	74	0.38	300
Spillway Drains and Cleanouts:		Diesel	Average	1	10	107	0.37	50
Spillway Drains and Cleanouts:		Diesel	Average	1	10	74	0.38	300
Spillway Drains and Cleanouts:		Diesel	Average	1	10	107	0.37	50
Spillway Drains and Cleanouts:		Diesel	Average	1	10	74	0.38	300
Spillway Drains and Cleanouts:		Diesel	Average	1	10	107	0.37	50
Spillway Drains and Cleanouts:		Diesel	Average	1	10	286	0.37	300
Spillway Drains and Cleanouts:		Diesel	Average	1	10	170	0.4	100
Spillway Drains and Cleanouts:		Diesel	Average	1	10	376	0.38	300
Spillway Drains and Cleanouts:		Diesel	Average	1	10	286	0.37	300
Spillway Drains and Cleanouts:		Diesel	Average	1	10	170	0.4	100
Spillway Drains and Cleanouts:	0 ,	Diesel	Average	1	10	376	0.38	300
Surface Ditch from Landfill: Exc		Diesel	Average	1	10	74	0.38	300
Surface Ditch from Landfill: Exc		Diesel	Average	1	10	107	0.37	50
Surface Ditch from Landfill: Drop		Diesel	Average	1	10	74	0.38	300
Surface Ditch from Landfill: Drop		Diesel	Average	1	10	107	0.37	50
Surface Ditch from Landfill: Ditc	II EXCAVATORS	Diesel	Average	1	10	300	0.38	300

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Hours	Per Day Hors	epower Loa	d Factor	Horsepower Category
Surface Ditch from Landfill: Ditch	ch Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Surface Ditch from Landfill: Ditch	ch Cranes	Diesel	Average	1	10	367	0.29	300
Surface Ditch from Landfill: Ditch	ch Tractors/Loaders/Backhoes	Diesel	Average	1	10	241	0.37	300
Surface Ditch from Landfill: Ditch	ch Forklifts	Diesel	Average	1	10	142	0.2	175
Downstream Apron: Concrete	Apr Forklifts	Diesel	Average	1	10	142	0.2	175
Downstream Apron: Concrete	Apr Generator Sets	Diesel	Average	1	10	14	0.74	25
Downstream Apron: Concrete	Apr Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Downstream Apron: Concrete	Apr Tractors/Loaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Downstream Apron: Concrete	Apr Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Downstream Apron: Concrete	Apr Cement and Mortar Mixers	Diesel	Average	1	10	10	0.56	25
Downstream Apron: Concrete	Apr Cranes	Diesel	Average	1	10	367	0.29	300
Downstream Apron: Concrete	Apr Pumps	Diesel	Average	1	10	11	0.74	50
Downstream Apron: Concrete	Apr Bore/Drill Rigs	Diesel	Average	1	10	385	0.5	300
Downstream Apron: Zone C	Bore/Drill Rigs	Diesel	Average	2	10	385	0.5	300
Downstream Apron: Zone C	Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Downstream Apron: Zone C	Forklifts	Diesel	Average	1	10	142	0.2	175
Downstream Apron: Riprap Ap	ron Excavators	Diesel	Average	1	10	300	0.38	300
Downstream Apron: Riprap Ap	ron Tractors/Loaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Downstream Apron: Riprap Ap	ron Dumpers/Tenders	Diesel	Average	2	10	16	0.38	25
Downstream Apron: Riprap Be	ddi Excavators	Diesel	Average	1	10	300	0.38	300
Downstream Apron: Riprap Be	ddi Tractors/Loaders/Backhoes	Diesel	Average	1	10	286	0.37	300
Downstream Apron: Riprap Be	ddi Dumpers/Tenders	Diesel	Average	2	10	16	0.38	25
Furnish and Install Electrical / 0	Cor Forklifts	Diesel	Average	1	10	142	0.2	175
Furnish and Install Electrical / 0	Cor Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Furnish and Install Electrical / 0	Cor Excavators	Diesel	Average	1	10	74	0.38	300
Furnish and Install Aeration Sys	ste Forklifts	Diesel	Average	1	10	142	0.2	175
Furnish and Install Aeration Sys	ste Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Furnish and Install Aeration Sys	ste Excavators	Diesel	Average	1	10	74	0.38	300
Part 1 Furnish and Install Erosi	on Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Part 1 Furnish and Install Erosi	on Excavators	Diesel	Average	1	10	74	0.38	300
Part 2 Furnish and Install Erosi	on Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Part 2 Furnish and Install Erosi	on Excavators	Diesel	Average	1	10	74	0.38	300
Part 3 Furnish and Install Erosi	on Skid Steer Loaders	Diesel	Average	1	10	107	0.37	50
Part 3 Furnish and Install Erosi	on Excavators	Diesel	Average	1	10	74	0.38	300
Embankment Mitigation	Rubber Tired Dozers	Diesel	Average	4	10	367	0.4	100
Embankment Mitigation	Excavators	Diesel	Average	2	10	36	0.38	300
Embankment Mitigation	Graders	Diesel	Average	2	10	148	0.41	175
Embankment Mitigation	Tractors/Loaders/Backhoes	Diesel	Average	2	10	84	0.37	300
Embankment Mitigation	Dumpers/Tenders	Diesel	Average	4	10	16	0.38	25
Embankment Mitigation	Plate Compactors	Diesel	Average	3	10	8	0.43	25

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			Fuel Consumption Rate		Total Fuel Consumption
Phase Name	Num Days	Year	(gal/hour)	Fuel Type	(gal/construction period)
Part 1 Site Demolition (Excludes 5	22	2024	4.3	Diesel	361
Part 1 Site Demolition (Excludes 5	22	2024	3.9	Diesel	321
Part 2 Site Demolition (Excludes 5	22	2024	4.3	Diesel	361
Part 2 Site Demolition (Excludes §	22	2024	3.9	Diesel	321
Spillway Demolition: Existing Spill	22	2024	0.8	Gasoline	512
Spillway Demolition: Existing Spill	22	2024	3.3	Diesel	209
Spillway Demolition: Existing Spill	22	2024	1.0	Gasoline	369
Spillway Demolition: Existing Spill	22	2024	4.3	Diesel	723
Spillway Demolition: Existing Spill	22	2024	4.1	Diesel	346
Spillway Demolition: Existing Spill	22	2024	2.4	Gasoline	239
Spillway Demolition: Existing Spill	22	2024	0.9	Diesel	277
Spillway Demolition: Crush Concr	22	2024	1.0	Gasoline	185
Spillway Demolition: Crush Concr	22	2024	4.3	Diesel	361
Spillway Demolition: Crush Concr	22	2024	3.9	Diesel	321
Spillway Demolition: Crush Concr	22	2024	4.1	Diesel	693
Spillway Demolition: Bridge Pier a	22	2024	0.8	Gasoline	512
Spillway Demolition: Bridge Pier a	22	2024	3.3	Diesel	209
Spillway Demolition: Bridge Pier a	22	2024	1.0	Gasoline	369
Spillway Demolition: Bridge Pier a	22	2024	4.3	Diesel	723
Spillway Demolition: Bridge Pier a	22	2024	4.1	Diesel	346
Spillway Demolition: Bridge Pier a	22	2024	2.4	Gasoline	239
Spillway Demolition: Bridge Pier a	22	2024	0.9	Diesel	277
Temporary Flood Control Berm	22	2024	4.3	Diesel	361
Temporary Flood Control Berm	22	2024	4.1	Diesel	1,385
Temporary Flood Control Berm	22	2024	1.7	Diesel	152
Temporary Flood Control Berm	22	2024	1.7	Diesel	142
Mobilization	22	2024	2.6	Diesel	116
Mobilization	22	2024	3.9	Diesel	321
Mobilization	22	2024	4.1	Diesel	693
Mobilization	22	2024	3.2	Diesel	285
Mobilization	22	2024	4.3	Diesel	361
Mobilization	22	2024	0.9	Diesel	151
Mobilization	22	2024	3.3	Diesel	209
Demobilization	22	2024	2.6	Diesel	116
Demobilization	22	2024	3.9	Diesel	321
Demobilization	22	2024	4.1	Diesel	693
Demobilization	22	2024	3.2	Diesel	285
Demobilization	22	2024	4.3	Diesel	361
Demobilization	22	2024	0.9	Diesel	151
Demobilization	22	2024	3.3	Diesel	209
Cleanup	22	2024	10.6	Diesel	2,230
Cleanup	22	2024	1.7	Diesel	456
Cleanup	22	2024	3.2	Diesel	285
Cleanup	22	2024	3.9	Diesel	321
Allowance for Piping Install	22	2024	4.3	Diesel	361
Allowance for Piping Install	22	2024	3.9	Diesel	321
Allowance for Piping Install	22	2024	0.9	Diesel	75
Bypass Pumping Diversion Beam	78	2024	0.7	Gasoline	975
Inclined Inlet Structure: Steel Pipe	67	2024	1.7	Diesel	431
Inclined Inlet Structure: Steel Pipe	67	2024	4.3	Diesel	4,403
Inclined Inlet Structure: Steel Pipe	67	2024	3.9	Diesel	979
Inclined Inlet Structure: Steel Pipe	67	2024	2.4	Gasoline	727
Inclined Inlet Structure: Steel Pipe	67	2024	3.3	Diesel	635

Onroad Construction Energy Use

Year	2024										
Vehicle Types	MPG by Fuel Type					Population by Fuel Ty	rpe				
l.a.	Gasoline	Diesel	Electricity	Natural Gas	Plug-in Hybrid	Gasoline	Diesel	Electricity	Natural Gas	Plug-in Hybrid	Total
LDA	29.3	41.2	0.4	0.000	28.2	5,451,205	15,009	284,963	0	152,679	5,903,856
LDT1	24.4	23.4	0.4	0.000	28.0	505,255	186	1,243	0	739	507,423
LDT2	23.9	31.9	0.4	0.000	27.9	2,551,917	8,409	16,572	0	21,729	2,598,626
LHDT1	13.6	20.5	0.6	0.000	0.0	205,772	107,344	793	0	0	313,909
LHDT2	11.9	17.3	0.6	0.000	0.0	32,210	47,494	205	0	0	79,909
MCY	41.5	0.0	0.0	0.000	0.0	248,270	0	0	0	0	248,270
MDV	19.5	23.7	0.4	0.000	27.6	1,622,854	20,420	18,088	0	13,081	1,674,443
MH	4.9	10.1	0.0	0.000	0.0	30,227	12,282	0	0	0	42,510
MHDT	5.2	8.9	1.0	8.3	0.0	25,496	117,140	365	1,526	0	144,526
HHDT	4.0	6.1	1.8	6.0	0.0	66	101,735	317	10,386	0	112,504
OBUS	5.1	7.0	1.1	8.8	0.0	5,427	3,049	12	487	0	8,975
SBUS	8.9	7.3	1.2	4.2	0.0	2,859	3,436	23	3,247	0	9,564
UBUS	7.0	6.6	2.1	3.2	0.0	894	14	132	5,035	0	6,076
·						10 682 454	436 518	322 712	20.681	188 228	11 650 593

						10,682,454	436,518	322,712	20,681	188,228	11,650,593	
Daily Trips							Gasoline Consur	mntion		Diesel Consumption		
Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker	Vendor	Haul	Worker	Vendor	Haul
Part 1 Site Demolition (Excludes Spillway)	5	0	0	18.5	10.2	20						
Part 2 Site Demolition (Excludes Spillway)	5	0	0	18.5	10.2	20						
Spillway Demolition: Existing Spillway Demo	35	0	24	18.5	10.2	12.1						
Spillway Demolition: Crush Concrete Demo Spillway Demolition: Bridge Pier and Facing Demo	13 35	0	0	18.5 18.5	10.2 10.2	20 20						
Temporary Flood Control Berm	18	0	0	18.5	10.2	20						
Mobilization	23	Ō	14	18.5	10.2	12.1						
Demobilization	23	0	12	18.5	10.2	12.1						
Cleanup	18	0	4	18.5	10.2	12.1						
Allowance for Piping Install Bypass Pumping Diversion Beam	8	0	0 128	18.5 18.5	10.2 10.2	20 20						
Inclined Inlet Structure: Steel Pipe and Appurtenances	7	3	0	18.5	10.2	20						
Inclined Inlet Structure: Reinforced Concrete	7	3	83	18.5	10.2	12.1						
Inclined Inlet Structure: Drilled Foundation Anchors	7	3	0	18.5	10.2	20						
Inclined Inlet Structure: Excavation	7	3	0	18.5	10.2	20						
Inclined Inlet Structure: Stainless Steel Platform	7	3	0	18.5	10.2	20						
Inclined Inlet Structure: Pneumatic Actuation Control System Cofferdam Installation and Removal: Install Cofferdam H/King Piles	7	3	0	18.5 18.5	10.2 10.2	20 20						
Cofferdam Installation and Removal: Dewatering	7	3	0	18.5	10.2	20						
Cofferdam Installation and Removal: Remove Cofferdam H/King Piles	7	3	0	18.5	10.2	20						
Access Road, Crest Ramp, and Existing Crest Widening: Roadway Excavation	7	3	0	18.5	10.2	20						
Access Road, Crest Ramp, and Existing Crest Widening: Imported Fill & CMB Surface Course	7_	3	0	18.5	10.2	20						
Access Road, Crest Ramp, and Existing Crest Widening: CMB Surface Course	7	3	0	18.5 18.5	10.2 10.2	20 20						
Access Road, Crest Ramp, and Existing Crest Widening: MSE Retaining Wall Access Road, Crest Ramp, and Existing Crest Widening: Metal Beam Guard Rail	7	3	0	18.5	10.2	20						
Access Road, Crest Ramp, and Existing Crest Widening: 1.5' Conc Parapet Wall	7	3	Ö	18.5	10.2	20						
Dam Control Building: Pt 1 CMU Control Building	7	3	8	18.5	10.2	20						
Dam Control Building: Pt 2 CMU Control Building	7	3	0	18.5	10.2	20						
Dam Control Building: Reinforced Concrete Foundation	7	3	0	18.5	10.2	20						
Dam Control Building: Metal Frame Roofing Dam Control Building: Ancillary Features	7	3	0	18.5 18.5	10.2 10.2	20 12.1						
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation	7	3	0	18.5	10.2	20						
Downstream Outlet Works Piping and Vault: Structure Bkfl	7	3	ŏ	18.5	10.2	20						
Downstream Outlet Works Piping and Vault: Reinforced Conc Structures	7	3	0	18.5	10.2	20						
Downstream Outlet Works Piping and Vault: Piping and Valves	7_	3	0	18.5	10.2	20						
Downstream Outlet Works Piping and Vault: Steel Casing	7	3	0	18.5	10.2	20						
Downstream Outlet Works Piping and Vault: Ladders and Platforms Downstream Outlet Works Piping and Vault: Dam keeper Residence Water Supply System and Piping	7	3	0	18.5 18.5	10.2 10.2	20 20						
Downstream Outlet Works Piping and Vault: Dewatering	7	3	0	18.5	10.2	20						
Downstream Outlet Works Piping and Vault: ARVs and Valves	7	3	88	18.5	10.2	12.1						
Pedestrian Access Walkway, Stairs, Catwalk, Vehicle Ramp: Structure Excavation	7	3	0	18.5	10.2	20						
Pedestrian Access Walkway, Stairs, Catwalk, Vehicle Ramp: Concrete Walkway	7	3	0	18.5 18.5	10.2 10.2	20 20						
Pedestrian Access Walkway, Stairs, Catwalk, Vehicle Ramp: Bridge Pedestrian Access Walkway, Stairs, Catwalk, Vehicle Ramp: Roadway Excavation	7	3	0 17	18.5	10.2	20						
Pedestrian Access Walkway, Stairs, Catwalk, Vehicle Ramp: Slope Anchors	7	3	0	18.5	10.2	20						
Pedestrian Access Walkway, Stairs, Catwalk, Vehicle Ramp: Tie Back Wall	7	3	0	18.5	10.2	20						
Spillway Site Excavations	7	3	18	18.5	10.2	12.1						
Rock Slope Stabilization	7	3	0	18.5	10.2	20						
RCC Weir Support Block Side Channel Control Structure (Zone A): Ogee Weir RCC 7 days per week	7	3	0	18.5 18.5	10.2 10.2	20 20						
Side Channel Control Structure (Zone A): Ogee Weir NCC 7 days per week	7	3	0	18.5	10.2	20						
Side Channel Control Structure (Zone A): Side Channel Reinforced Concrete	7	3	ō	18.5	10.2	20						
Wall Type 1 Tieback Wall Left (0+27 to 2+17): CLSM Backfill	7	3	0	18.5	10.2	20						
Wall Type 1 Tieback Wall Left (0+27 to 2+17)): Work Platform Construction	7	3	0	18.5	10.2	20						
Wall Type 1 Tieback Wall Left (0+27 to 2+17): Temp Shotcrete Facing Wall Type 1 Tieback Wall Left (0+27 to 2+17): Permanent Reinforced Concrete Facing	7	3	0	18.5 18.5	10.2 10.2	20 20						
Wall Type 1 Tieback Wall Left (0+27 to 2+17); Permanent Reinforced Concrete Facing Wall Type 1 Tieback Wall Left (0+27 to 2+17); Post Tensioned Rock Anchors	7	3	0	18.5	10.2	20						
Wall Type 1 Tieback Wall Right (0+27 to 2+17): CLSM Backfill	7	3	ō	18.5	10.2	20						
Wall Type 1 Tieback Wall Right (0+27 to 2+17) Work Platform Construction	7	3	0	18.5	10.2	20						
Wall Type 1 Tieback Wall Right (0+27 to 2+17): Temp Shotcrete Facing	7	3	0	18.5	10.2	20						
Wall Type 1 Tieback Wall Right (0+27 to 2+17): Permanent Reinforced Concrete Facing Wall Type 1 Tieback Wall Right (0+27 to 2+17): Post Tensioned Rock Anchors	′	3	0	18.5 18.5	10.2 10.2	20 20						
Wall Transitions: Left Secant Pile Walls	7	3	0	18.5	10.2	20						
Wall Transitions: Right Secant Pile Wall	7	3	ő	18.5	10.2	20						
Right Closure Wall: Work Platform Construction	7	3	ō	18.5	10.2	20						
Right Closure Wall: Secant Pile Wall	7	3	0	18.5	10.2	20						
Right Closure Wall: Backfill Concrete	7	3	0	18.5	10.2	20						
Wall Type 2 - Left: Leveling Concrete Wall Type 2 - Left: 1 Inch Concrete Wall	7	3	0	18.5 18.5	10.2 10.2	20 20						
Wall Type 2 - Left: 1 Inch Concrete Wall Wall Type 2 - Left: 2.5 Inch Concrete Wall	7	3	0	18.5	10.2	20						
Wall Type 2 - Left: Concrete Footing	7	3	ő	18.5	10.2	20						
Wall Type 2 - Left: Backfill	7	3	ō	18.5	10.2	20						
Wall Type 2 - Left: Reinforced Concrete Wall	7_	3	0	18.5	10.2	20						
Wall Type 2 - Left: Footing Rock Anchors and Backfill Wall Type 2 - Wall Right: Leveling Concrete	7	3	0	18.5 18.5	10.2 10.2	20 20						
Wall Type 2 - Wall Right: Leveling Concrete Wall Type 2 - Wall Right: 1 Inch Wall	7	3	0	18.5 18.5	10.2	20						
· · · · · · · · · · · · · · · · · · ·		-		10.0		20				1		

Wall Type 2 - Wall Right: 2.5 Inch Wall	7	3	0	18.5	10.2	20	1					
Wall Type 2 - Wall Right: Concrete Footing	7	3	0	18.5	10.2	20						
Wall Type 2 - Wall Right: Backfill Wall Type 3 - Left: Roller Compacted Concrete	7	3	31 0	18.5 18.5	10.2 10.2	12.1 20						
Wall Type 3 - Left: Roller Compacted Concrete Wall Type 3 - Left: CVC Facing	7	3	0	18.5	10.2	20						
Wall Type 3 - Right: Roller Compacted Concrete	7	3	0	18.5	10.2	20						
Wall Type 3 - Right: CVC Facing	7	3	0	18.5	10.2	20						
Wall Type 3 - Right: Backfill	7	3	0	18.5 18.5	10.2 10.2	20						
Stilling Basin: RCC Stilling Basin: Upstream/Downstream CVC Facing	7	3	0	18.5	10.2	20 20						
Stilling Basin: Basin Steps	7	3	o o	18.5	10.2	20						
Stilling Basin: Chute Blocks	7	3	0	18.5	10.2	20						
Stilling Basin: Dentated Sill Spillway Slab Construction: RCC Foundation Support Block	7	3	0	18.5	10.2	20						
Spillway Slab Construction: RCC Foundation Support Block Spillway Slab Construction: Spillway Chute Slab	7	3	0	18.5 18.5	10.2 10.2	20 20						
Spillway Slab Construction: Stilling Basin Slab	7	3	o o	18.5	10.2	20						
Spillway Slab Construction: Zone B	7	3	0	18.5	10.2	20						
Spillway Slab Construction: Zone C	7	3	0	18.5	10.2	20						
Spillway Drains and Cleanouts: Wall Drains & Cleanouts	7	3	0	18.5 18.5	10.2 10.2	20 20						
Spillway Drains and Cleanouts: Longitudinal Drains & Cleanouts Spillway Drains and Cleanouts: Transverse Drains & Cleanouts	7	3	0	18.5	10.2	20						
Spillway Drains and Cleanouts: Drain Gravel	7	3	o o	18.5	10.2	20						
Spillway Drains and Cleanouts: Filter Sand	7	3	0	18.5	10.2	20						
Surface Ditch from Landfill: Excavation	7	3	0	18.5	10.2	20						
Surface Ditch from Landfill: Drop Structures Surface Ditch from Landfill: Ditch Lining	7	3	0	18.5 18.5	10.2 10.2	20 20						
Downstream Apron: Concrete Apron	7	3	0	18.5	10.2	20						
Downstream Apron: Zone C	7	3	Ö	18.5	10.2	20						
Downstream Apron: Riprap Apron	7	3	59	18.5	10.2	12.1						
Downstream Apron: Riprap Bedding	7	3	77	18.5	10.2	20						
Furnish and Install Electrical / Controls and Instrumentation Furnish and Install Aeration System	7	3	34 0	18.5 18.5	10.2 10.2	12.1						
Part 1 Furnish and Install Erosion Control Measures	7	3	0	18.5 18.5	10.2	20 20						
Part 2 Furnish and Install Erosion Control Measures	7	3	0	18.5	10.2	20	1					
Part 3 Furnish and Install Erosion Control Measures	7	3	0	18.5	10.2	20	1					
Embankment Mitigation	43	0	43	18.5	10.2	20	I			l		
Total Trips							L			I		1
Part 1 Site Demolition (Excludes Spillway)	110	0	0	18.5	10.2	20	83	0	0	0	0	0
Part 2 Site Demolition (Excludes Spillway)	110	ō	Ō	18.5	10.2	20	83	ō	ō	0	ō	0
Spillway Demolition: Existing Spillway Demo	770	0	528	18.5	10.2	12.1	584	0	1	1	0	954
Spillway Demolition: Crush Concrete Demo	286	0	0	18.5 18.5	10.2 10.2	20 20	217 584	0	0	1	0	0
Spillway Demolition: Bridge Pier and Facing Demo Temporary Flood Control Berm	770 396	0	0	18.5 18.5	10.2 10.2	20	300	0	0	1	0	0
Mobilization	506	0	308	18.5	10.2	12.1	384	0	1	i	0	557
Demobilization	506	0	264	18.5	10.2	12.1	384	0	0	1	0	477
Cleanup	396	0	88	18.5	10.2	12.1	300	0	0	1	0	159
Allowance for Piping Install Bypass Pumping Diversion Beam	176 234	0	0 9984	18.5 18.5	10.2 10.2	20 20	134 178	0	0	0	0	0 29.826
Inclined Inlet Structure: Steel Pipe and Appurtenances	469	201	9964	18.5	10.2	20	356	0 102	29 0	1	1	29,826
Inclined Inlet Structure: Reinforced Concrete	308	132	3652	18.5	10.2	12.1	234	67	7	i	i	6,600
Inclined Inlet Structure: Drilled Foundation Anchors	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Inclined Inlet Structure: Excavation	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Inclined Inlet Structure: Stainless Steel Platform Inclined Injet Structure: Pneumatic Actuation Control System	154 154	66 66	0	18.5 18.5	10.2 10.2	20 20	117 117	34 34	0	0	0	0
Cofferdam Installation and Removal: Install Cofferdam H/King Piles	462	198	0	18.5	10.2	20	351	101	0	1	1	0
Cofferdam Installation and Removal: Dewatering	308	132	o o	18.5	10.2	20	234	67	0	1	i	o o
Cofferdam Installation and Removal: Remove Cofferdam H/King Piles	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Access Road, Crest Ramp, and Existing Crest Widening: Roadway Excavation	154 154	66	0	18.5 18.5	10.2 10.2	20	117 117	34	0	0	0	0
Access Road, Crest Ramp, and Existing Crest Widening: Imported Fill & CMB Surface Course Access Road, Crest Ramp, and Existing Crest Widening: CMB Surface Course	154 154	66 66	0	18.5 18.5	10.2	20 20	117	34 34	0	0	0	0
Access Road, Crest Ramp, and Existing Crest Widening: MSE Retaining Wall	154	66	o o	18.5	10.2	20	117	34	0	o o	0	0
Access Road, Crest Ramp, and Existing Crest Widening: Metal Beam Guard Rail	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Access Road, Crest Ramp, and Existing Crest Widening: 1.5' Conc Parapet Wall	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Dam Control Building: Pt 1 CMU Control Building Dam Control Building: Pt 2 CMU Control Building	469 322	201 138	536 0	18.5 18.5	10.2	20 20	356 244	102 70	2	1	1	1,601
Dam Control Building: Reinforced Concrete Foundation	154	66	0				117	34	0			
Dam Control Building: Metal Frame Roofing				18.5	10.2 10.2	20				0	0	0
	154	66	0	18.5 18.5	10.2 10.2 10.2	20 20 20	117	34 34	0	0	0	
Dam Control Building: Ancillary Features	154	66 66	0 198	18.5 18.5 18.5	10.2 10.2 10.2	20 20 12.1	117 117	34	0		0	0 0 358
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation	154 154	66 66 66	0 198 0	18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2	20 20 12.1 20	117 117 117	34 34	0 0	0 0	0 0 0	0 0 358 0
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation Downstream Outlet Works Piping and Vault: Structure Bkfl	154	66 66 66	0 198	18.5 18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2 10.2	20 20 12.1 20 20	117 117	34 34 34	0	ő	0 0 0 0	0 0 358
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation Downstream Outlet Works Piping and Vault: Structure Bit1 Downstream Outlet Works Piping and Vault: Reinforced Conc Structures Downstream Outlet Works Piping and Vault: Piping and Valves	154 154 154 154 616 462	66 66 66 66 264 198	0 198 0 0 0	18.5 18.5 18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2 10.2 10.2 10.2	20 20 12.1 20 20 20 20	117 117 117 117 117 467 351	34 34 34 134 101	0 0 0 0	0 0 0 0 1 1	0 0 0 1 1	0 0 358 0 0
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation Downstream Outlet Works Piping and Vault: Structure Bkfl Downstream Outlet Works Piping and Vault: Reinforced Conc Structures Downstream Outlet Works Piping and Vault: Piping and Valves Downstream Outlet Works Piping and Vault: Bed Casing	154 154 154 616 462 154	66 66 66 264 198 66	0 198 0 0 0	18.5 18.5 18.5 18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2 10.2 10.2 10.2	20 20 12.1 20 20 20 20 20	117 117 117 117 117 467 351	34 34 34 134 101	0 0 0 0 0	0 0 0 0 1 1	0 0 0 1 1	0 0 358 0 0 0
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation Downstream Outlet Works Piping and Vault: Structure Bitl Downstream Outlet Works Piping and Vault: Reinforced Cone Structures Downstream Outlet Works Piping and Vault: Reinforced Cone Structures Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Steel Casing	154 154 154 616 462 154	66 66 66 66 264 198 66 66	0 198 0 0 0 0	18.5 18.5 18.5 18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2	20 20 12.1 20 20 20 20 20 20	117 117 117 117 117 467 351 117	34 34 34 134 101	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0	0 0 0 1 1	0 0 358 0 0 0 0
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation Downstream Outlet Works Piping and Vault: Structure Bkfl Downstream Outlet Works Piping and Vault: Period Conc Structures Downstream Outlet Works Piping and Vault: Piping and Valves Downstream Outlet Works Piping and Vault: Pariod Casing Downstream Outlet Works Piping and Vault: Ladders and Patforms Downstream Outlet Works Piping and Vault: Ladders and Patforms Downstream Outlet Works Piping and Vault: Dam Keeper Residence Water Supply System and Piping	154 154 154 616 462 154 154	66 66 66 66 264 198 66 66	0 198 0 0 0 0 0	18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2	20 20 12.1 20 20 20 20 20 20 20	117 117 117 117 117 467 351 117 117	34 34 34 134 101 34 34 34	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1	0 0 0 1 1	0 0 358 0 0 0
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation Downstream Outlet Works Piping and Vault: Reinforced Cone Structures Downstream Outlet Works Piping and Vault: Reinforced Cone Structures Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam Reeper Residence Water Supply System Residence Residence Water Supply System Residence Water Supply System Residence Water Supply System Residence Reside	154 154 154 616 462 154	66 66 66 66 264 198 66 66 66	0 198 0 0 0 0 0	18.5 18.5 18.5 18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2	20 20 12.1 20 20 20 20 20 20	117 117 117 117 117 467 351 117	34 34 34 134 101 34 34 34 34	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0	0 0 0 1 1	0 0 358 0 0 0 0 0
Downstream Outlet Works Piping and Vault: Structure Excavation Shoring & Excavation Downstream Outlet Works Piping and Vault: Reinforced Cone Structures Downstream Outlet Works Piping and Vault: Reinforced Cone Structures Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Steel Casing Downstream Outlet Works Piping and Vault: Dam keeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dam keeper Residence Water Supply System and Piping Downstream Outlet Works Piping and Vault: Dawstering Downstream Outlet Works Piping and Vault: Dawstering Downstream Outlet Works Piping and Vault: ARVs and Valves Pedestrian Access Walkway, Stains, Catavalk, Workick Ramp: Structure Excavation	154 154 154 616 462 154 154 154 154	66 66 66 66 264 198 66 66 66 66	0 198 0 0 0 0 0	18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5	10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2	20 20 12.1 20 20 20 20 20 20 20 20 20 20 20 20	117 117 117 117 117 467 351 117 117 117 117	34 34 134 101 34 34 34 34 34 34	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0	0 0 0 1 1	0 0 358 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Right Closure Wall: Work Platform Construction	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Right Closure Wall: Secant Pile Wall	469	201	0	18.5	10.2	20	356	102	0	1	1	0
Right Closure Wall: Backfill Concrete	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 2 - Left: Leveling Concrete	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 2 - Left: 1 Inch Concrete Wall	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 2 - Left: 2.5 Inch Concrete Wall	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 2 - Left: Concrete Footing	154	66	Ď.	18.5	10.2	20	117	34	ñ	n n	ñ	0
Wall Type 2 - Left: Backfill	308	132	Ď.	18.5	10.2	20	234	67	ñ	1	1	0
Wall Type 2 - Left: Reinforced Concrete Wall	469	201	ñ	18.5	10.2	20	356	102	ñ	i	i	0
Wall Type 2 - Left: Footing Rock Anchors and Backfill	308	132	ň	18.5	10.2	20	234	67	0	4	- 1	0
Wall Type 2 - Wall Right: Leveling Concrete	154	66	0	18.5	10.2	20	117	34	0	'n	'n	0
Wall Type 2 - Wall Right: 1 Inch Wall	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 2 - Wall Right: 2.5 Inch Wall	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 2 - Wall Right: 2.5 inch wall Wall Type 2 - Wall Right: Concrete Footing	154	66	0	18.5	10.2	20	117	34	0	0	0	0
	154	66	682	18.5	10.2	12.1		34	0	U	0	1.233
Wall Type 2 - Wall Right: Backfill			082	18.5 18.5			117	34 67	1	0	0	
Wall Type 3 - Left: Roller Compacted Concrete	308	132 66	0		10.2	20	234		0	1	1	0
Wall Type 3 - Left: CVC Facing	154		0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 3 - Right: Roller Compacted Concrete	315	135	0	18.5	10.2	20	239	69	0	1	1	0
Wall Type 3 - Right: CVC Facing	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Wall Type 3 - Right: Backfill	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Stilling Basin: RCC	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Stilling Basin: Upstream/Downstream CVC Facing	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Stilling Basin: Basin Steps	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Stilling Basin: Chute Blocks	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Stilling Basin: Dentated Sill	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Slab Construction: RCC Foundation Support Block	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Slab Construction: Spillway Chute Slab	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Slab Construction: Stilling Basin Slab	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Slab Construction: Zone B	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Slab Construction: Zone C	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Drains and Cleanouts: Wall Drains & Cleanouts	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Drains and Cleanouts: Longitudinal Drains & Cleanouts	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Drains and Cleanouts: Transverse Drains & Cleanouts	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Drains and Cleanouts: Drain Gravel	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Spillway Drains and Cleanouts: Filter Sand	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Surface Ditch from Landfill: Excavation	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Surface Ditch from Landfill: Drop Structures	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Surface Ditch from Landfill: Ditch Lining	308	132	0	18.5	10.2	20	234	67	0	1	1	0
Downstream Apron: Concrete Apron	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Downstream Apron: Zone C	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Downstream Apron: Riprap Apron	154	66	1298	18.5	10.2	12.1	117	34	2	0	0	2,346
Downstream Apron: Riprap Bedding	154	66	1694	18.5	10.2	20	117	34	5	0	0	5,061
Furnish and Install Electrical / Controls and Instrumentation	1078	462	5236	18.5	10.2	12.1	818	235	9	2	2	9,463
Furnish and Install Aeration System	154	66	0	18.5	10.2	20	117	34	0	0	0	0
Part 1 Furnish and Install Erosion Control Measures	308	132	0	18.5	10.2	20	234	67	0	1	1	0
Part 2 Furnish and Install Erosion Control Measures	1078	462	0	18.5	10.2	20	818	235	0	2	2	0
Part 3 Furnish and Install Erosion Control Measures	1078	462	ō	18.5	10.2	20	818	235	ō	2	2	ō
Embankment Mitigation	15050	0	15050	18.5	10.2	20	11,420	0	44	28	ō	44,960
Total							38,413	6,815	110	95	70	111,822