

**Air Quality Assumptions**

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1 **Table 22B-1. Construction Schedule**

Phase	Feature	Description	Start	End	Days
8002	Clifton Court Forebay	Mobilization	1/4/2024	1/18/2024	8
8003	Clifton Court Forebay	Contr. Mngmt., Supervision, Admin.	1/18/2024	3/8/2029	1,072
8004	Clifton Court Forebay	Access Construction	1/4/2024	3/1/2025	241
8005	Clifton Court Forebay	Temporary Facilities	1/4/2024	4/4/2025	261
8006	Clifton Court Forebay	Batch Plant	5/27/2024	3/8/2029	998
8007	Clifton Court Forebay	Temp Facility Operations	4/4/2025	3/8/2029	819
8010	Clifton Court Forebay	SCCF Dike - SW Corner	10/28/2024	1/21/2026	249
8012	Clifton Court Forebay	SCCF Dike - SE Corner	1/22/2026	4/19/2027	252
8015	Clifton Court Forebay	SCCF Dike - Gate to Dike	6/26/2024	9/25/2025	253
8025	Clifton Court Forebay	CCF Dredging	1/18/2024	3/14/2028	1,518
8030	Clifton Court Forebay	CCF Partition Dike	4/20/2027	10/23/2028	306
8040	Clifton Court Forebay	NCCF Dike - West Side	9/29/2025	12/22/2026	251
8045	Clifton Court Forebay	NCCF Dike - North Side	12/23/2026	3/21/2028	251
8050	Clifton Court Forebay	Relocate Byron Highway	1/2/2024	6/27/2024	102
8060	Clifton Court Forebay	Relocate Railroad	1/2/2024	6/25/2024	100
8071	Clifton Court Forebay	NCCF Siphon (Phase 1) Excavate	12/29/2023	10/1/2024	278
8073	Clifton Court Forebay	NCCF Siphon (Phase 1) Concrete	5/27/2024	1/9/2025	228
8075	Clifton Court Forebay	NCCF Siphon (Phase 1) Backfill	9/16/2024	2/3/2025	77
8077	Clifton Court Forebay	NCCF Siphon (Phase 2) Excavate	10/2/2024	6/14/2025	256
8079	Clifton Court Forebay	NCCF Siphon (Phase 2) Concrete	1/18/2025	9/3/2025	229
8081	Clifton Court Forebay	NCCF Siphon (Phase 2) Backfill	5/19/2025	9/29/2025	74
8090	Clifton Court Forebay	Byron Highway Bridge over Canal	10/2/2024	4/9/2025	108
8092	Clifton Court Forebay	SP Railroad Bridge over Canal	4/4/2025	10/13/2025	110
8096	Clifton Court Forebay	NCCF Outlet Canal	10/28/2024	4/30/2026	306
8101	Clifton Court Forebay	Control Structure # 1 Excavate	3/23/2026	9/21/2026	102
8103	Clifton Court Forebay	Control Structure # 1 Concrete	9/22/2026	6/17/2027	151
8111	Clifton Court Forebay	Control Structure # 2 Excavate	3/23/2026	9/30/2026	108
8113	Clifton Court Forebay	Control Structure # 2 Concrete	10/1/2026	7/8/2027	156
8121	Clifton Court Forebay	Control Structure # 3 Excavate	10/13/2027	4/18/2028	104
8123	Clifton Court Forebay	Control Structure # 3 Concrete	4/19/2028	1/29/2029	156
8131	Clifton Court Forebay	Control Structure # 4 Excavate	10/13/2027	4/18/2028	104
8133	Clifton Court Forebay	Control Structure # 4 Concrete	4/19/2028	3/8/2029	179
8140	Clifton Court Forebay	Old River Structure Excavate	10/1/2026	4/6/2027	104
8141	Clifton Court Forebay	Old River Structure Concrete	4/7/2027	1/10/2028	152
8145	Clifton Court Forebay	New Spillway Excavate	4/7/2027	10/12/2027	105
8146	Clifton Court Forebay	New Spillway Concrete	10/13/2027	7/13/2028	152
Feature	Clifton Court Forebay	Routine supply delivery for duration of const.	12/29/2023	3/8/2029	1,561
Onland	Geotechnical Explorations <sup>a</sup>	Onland geotechnical explorations	1/1/2016	9/15/2018	823
Overwater	Geotechnical Explorations <sup>a</sup>	Overwater geotechnical explorations	1/1/2016	9/15/2018	823
AccessRoad	Geotechnical Explorations <sup>a</sup>	Temporary access roads for exploration sites	1/1/2016	9/15/2018	823

Phase	Feature	Description	Start	End	Days
2	Intakes	Contractor Mobilization	<del>11/1/2020</del> 1/1/2021	<del>1/23/2021</del> 2/23/2022	<del>4848</del> 4848
3	Intakes	Contractor Staff	<del>11/1/2020</del> 1/1/2021	<del>8/5/2021</del> 7/5/2028	<del>2285</del> 1,850
4	Intakes	Erect Temp Contractor Facilities	<del>12/1/2020</del> 2/1/2021	<del>5/5/2021</del> 5/2022	<del>9088</del> 9088
5	Intakes	Operate Temp Facilities	<del>1/1/2021</del> 1/2022	<del>8/5/2021</del> 7/5/2028	<del>2241</del> 1810
6	Intakes	Erect Batch Plant	<del>12/6/2020</del> 2/6/2021	<del>4/15/2021</del> 7/15/2022	<del>7676</del> 7676
7	Intakes	Operate Batch Plant	<del>4/14/2021</del> 7/14/2022	<del>4/11/2021</del> 7/11/2028	<del>2086</del> 1,650
501	Intakes	Intake 5 Construction Wharf	<del>4/15/2021</del> 7/15/2022	<del>8/13/2021</del> 7/13/2022	<del>6968</del> 6968
503	Intakes	Intake 5 Substation & Elect Distribution	<del>4/4/2022</del> 4/2023	<del>6/19/2022</del> 7/19/2023	<del>4444</del> 4444
505	Intakes	Intake 5 Initial Site Work	<del>1/1/2021</del> 1/2022	<del>6/16/2022</del> 7/16/2023	<del>3043</del> 04
506	Intakes	Intake 5 SR 16 Bridge	<del>4/14/2021</del> 7/14/2022	<del>4/14/2022</del> 7/14/2023	<del>1041</del> 08
507	Intakes	Intake 5 Cofferdam	<del>4/14/2022</del> 7/14/2023	<del>10/26/2022</del> 10/26/2023	<del>1401</del> 40
509	Intakes	Intake 5 Final Site Work	<del>8/2/2025</del> 2/2026	<del>3/13/2026</del> 2/6/2026	<del>1601</del> 60
511	Intakes	Intake 5 Ground Improvement	<del>8/16/2022</del> 7/16/2023	<del>1/30/2023</del> 7/30/2024	<del>1201</del> 20
513	Intakes	Intake 5 Excavate Inside Cofferdam	<del>1/7/2023</del> 7/2024	<del>3/16/2023</del> 7/16/2024	<del>4040</del> 4040
515	Intakes	Intake 5 Drilled Piers	<del>2/28/2023</del> 7/28/2024	<del>11/19/2023</del> 11/19/2024	<del>1891</del> 90
517	Intakes	Intake 5 Tremie Concrete	<del>11/6/2023</del> 1/6/2024	<del>12/10/2023</del> 12/10/2024	<del>2020</del> 2020
519	Intakes	Intake 5 Dewater Cofferdam	<del>12/11/2023</del> 12/11/2024	<del>1/28/2024</del> 7/28/2025	<del>2828</del> 2828
521	Intakes	Intake 5 Structure Concrete	<del>1/27/2024</del> 7/27/2025	<del>6/14/2025</del> 7/14/2026	<del>2882</del> 88
523	Intakes	Intake 5 Gates	<del>5/8/2025</del> 8/2026	<del>7/2/2025</del> 2/2026	<del>3232</del> 3232
525	Intakes	Intake 5 Fish Screens	<del>5/2/2024</del> 2/2025	<del>7/9/2025</del> 9/2026	<del>2482</del> 48
527	Intakes	Intake 5 MEP	<del>5/12/2025</del> 7/12/2026	<del>8/31/2025</del> 7/31/2026	<del>6464</del> 6464
529	Intakes	Intake 5 Finish Out	<del>8/2/2025</del> 2/2026	<del>10/10/2025</del> 10/10/2026	<del>4040</del> 4040
551	Intakes	Intake 5 Sed Basin Deep Wells	<del>3/28/2023</del> 7/28/2023	<del>5/31/2024</del> 7/31/2025	<del>4564</del> 56
553	Intakes	Intake 5 Sed Basin Excavation	<del>4/26/2022</del> 7/26/2023	<del>6/11/2023</del> 7/11/2024	<del>2352</del> 36
554	Intakes	Intake 5 Sed Basin Finish Grade & Pave	<del>7/7/2023</del> 7/2024	<del>8/31/2023</del> 7/31/2024	<del>3232</del> 3232

Phase	Feature	Description	Start	End	Days
555	Intakes	Intake 5 Sed Basin Piles	<del>1/1/2023</del> 1/2024	<del>7/7/2023</del> 7/2024	<del>108</del> 08
557	Intakes	Intake 5 Sed Basin Concrete	<del>2/1/2023</del> 1/2024	<del>7/24/2024</del> /24/2025	<del>309</del> 08
559	Intakes	Intake 5 Sed Basin Gates	<del>6/10/2024</del> /10/2025	<del>9/29/2024</del> /29/2025	<del>64</del> 64
561	Intakes	Intake 5 Sed Basin MEP & Finish	<del>9/1/2024</del> 1/2025	<del>11/23/2024</del> 11/23/2025	<del>48</del> 48
301	Intakes	Intake 3 Construction Wharf	<del>4/17/2023</del> /17/2023	<del>8/13/2023</del> /13/2023	<del>68</del> 68
303	Intakes	Intake 3 Substation & Elect Distribution	<del>4/12/2024</del> /12/2024	<del>7/18/2024</del> /18/2024	<del>56</del> 56
305	Intakes	Intake 3 Initial Site Work	<del>1/25/2023</del> /25/2023	<del>4/16/2024</del> /16/2024	<del>256</del> 56
306	Intakes	Intake 3 SR 16 Bridge	<del>4/17/2023</del> /17/2023	<del>4/12/2024</del> /12/2024	<del>104</del> 08
307	Intakes	Intake 3 Cofferdam	<del>4/16/2024</del> /16/2024	<del>10/7/2024</del> 0/7/2024	<del>125</del> 25
309	Intakes	Intake 3 Final Site Work	<del>2/20/2027</del> /20/2027	<del>11/26/2027</del> 11/26/2027	<del>160</del> 60
311	Intakes	Intake 3 Ground Improvement	<del>9/10/2024</del> /10/2024	<del>3/31/2025</del> /31/2025	<del>145</del> 45
313	Intakes	Intake 3 Excavate Inside Cofferdam	<del>2/9/2025</del> 9/2025	<del>6/7/2025</del> 7/2025	<del>68</del> 68
315	Intakes	Intake 3 Drilled Piers	<del>6/7/2025</del> 7/2025	<del>11/21/2025</del> 11/21/2025	<del>120</del> 20
317	Intakes	Intake 3 Tremie Concrete	<del>11/22/2025</del> 11/22/2025	<del>1/2/2026</del> 2/2026	<del>24</del> 24
319	Intakes	Intake 3 Dewater Cofferdam	<del>1/3/2026</del> 3/2026	<del>2/27/2026</del> /27/2026	<del>32</del> 32
321	Intakes	Intake 3 Structure Concrete	<del>2/28/2026</del> /28/2026	<del>4/23/2027</del> /23/2027	<del>240</del> 40
323	Intakes	Intake 3 Gates	<del>4/10/2027</del> /10/2027	<del>5/28/2027</del> /28/2027	<del>28</del> 28
325	Intakes	Intake 3 Fish Screens	<del>5/18/2026</del> /18/2026	<del>5/30/2027</del> /30/2027	<del>108</del> 16
327	Intakes	Intake 3 MEP	<del>5/29/2027</del> /29/2027	<del>9/3/2027</del> 3/2027	<del>56</del> 56
329	Intakes	Intake 3 Finish Out	<del>8/15/2027</del> /15/2027	<del>10/23/2027</del> 10/23/2027	<del>40</del> 40
351	Intakes	Intake 3 Sed Basin Deep Wells	<del>4/15/2024</del> /15/2024	<del>2/22/2027</del> /22/2027	<del>597</del> 96
353	Intakes	Intake 3 Sed Basin Excavation	<del>4/16/2024</del> /16/2024	<del>6/23/2025</del> /23/2025	<del>124</del> 28
354	Intakes	Intake 3 Sed Basin Finish Grade & Pave	<del>6/26/2025</del> /26/2025	<del>10/8/2025</del> 0/8/2025	<del>60</del> 60
355	Intakes	Intake 3 Sed Basin Piles	<del>2/28/2025</del> /28/2025	<del>9/4/2025</del> 4/2025	<del>108</del> 08
357	Intakes	Intake 3 Sed Basin Concrete	<del>8/8/2025</del> 8/2025	<del>11/19/2026</del> 11/19/2026	<del>268</del> 68

Phase	Feature	Description	Start	End	Days
359	Intakes	Intake 3 Sed Basin Gates	<del>10/3/2026</del> 0/3/2026	<del>1/22/2027</del> /22/2027	<del>6464</del>
361	Intakes	Intake 3 Sed Basin MEP & Finish	<del>1/23/2027</del> /23/2027	<del>4/16/2027</del> /16/2027	<del>4818</del>
365	Intakes	Intake 3 Conveyance to Junction Structure	<del>4/10/2026</del> /10/2026	<del>6/3/2027</del> 3/2027	<del>2402</del> 40
367	Intakes	Intake 3 Concrete Junction Structure	<del>7/29/2026</del> /29/2026	<del>3/30/2027</del> /30/2027	<del>1404</del> 40
369	Intakes	Intake 3 Junction Structure MEP	<del>10/25/2026</del> 10/25/2026	<del>4/17/2027</del> /17/2027	<del>1004</del> 00
371	Intakes	Intake 3 Junction Structure Final Finish & Cleanup	<del>3/27/2027</del> /27/2027	<del>6/4/2027</del> 4/2027	<del>4040</del>
201	Intakes	Intake 2 Construction Wharf	<del>12/14/2024</del> 4/14/2024	<del>4/10/2025</del> /10/2024	<del>6868</del>
203	Intakes	Intake 2 Substation & Elect Distribution	<del>12/7/2025</del> /7/2025	<del>2/22/2026</del> /22/2025	<del>4444</del>
205	Intakes	Intake 2 Initial Site Work	<del>9/25/2024</del> /25/2024	<del>3/9/2026</del> 9/2025	<del>3033</del> 04
206	Intakes	Intake 2 SR 16 Bridge	<del>12/13/2024</del> 4/13/2024	<del>12/12/2025</del> 4/12/2025	<del>1044</del> 08
207	Intakes	Intake 2 Cofferdam	<del>12/14/2025</del> 4/14/2025	<del>7/16/2026</del> 1/16/2025	<del>1544</del> 55
209	Intakes	Intake 2 Final Site Work	<del>11/1/2028</del> /1/2028	<del>8/5/2029</del> /5/2028	<del>1584</del> 60
211	Intakes	Intake 2 Ground Improvement	<del>5/20/2026</del> /20/2025	<del>11/6/2026</del> /6/2026	<del>1234</del> 20
213	Intakes	Intake 2 Excavate Inside Cofferdam	<del>10/28/2026</del> 2/28/2026	<del>1/8/2027</del> 8/2026	<del>4240</del>
215	Intakes	Intake 2 Drilled Piers	<del>12/25/2026</del> 4/25/2026	<del>9/15/2027</del> /15/2027	<del>1894</del> 90
217	Intakes	Intake 2 Tremie Concrete	<del>9/2/2027</del> 2/2027	<del>10/5/2027</del> /5/2027	<del>1920</del>
219	Intakes	Intake 2 Dewater Cofferdam	<del>10/6/2027</del> /6/2027	<del>11/26/2027</del> 3/26/2027	<del>3028</del>
221	Intakes	Intake 2 Structure Concrete	<del>11/27/2027</del> 3/27/2027	<del>4/11/2028</del> /11/2028	<del>2872</del> 88
223	Intakes	Intake 2 Gates	<del>3/8/2029</del> 8/2028	<del>5/1/2029</del> 1/2028	<del>3132</del>
225	Intakes	Intake 2 Fish Screens	<del>3/3/2028</del> 3/2027	<del>5/5/2029</del> 5/2028	<del>2442</del> 48
227	Intakes	Intake 2 MEP	<del>3/9/2029</del> 9/2028	<del>6/28/2029</del> 0/28/2028	<del>6464</del>
229	Intakes	Intake 2 Finish Out	<del>5/16/2029</del> /16/2028	<del>7/24/2029</del> 1/24/2028	<del>4040</del>
251	Intakes	Intake 2 Sed Basin Deep Wells	<del>8/1/2026</del> /1/2025	<del>1/21/2029</del> /21/2028	<del>5165</del> 16
253	Intakes	Intake 2 Sed Basin Excavation	<del>9/12/2026</del> /12/2026	<del>11/28/2027</del> 3/28/2027	<del>2522</del> 52
254	Intakes	Intake 2 Sed Basin Finish Grade & Pave	<del>11/28/2027</del> 3/28/2027	<del>3/10/2028</del> /10/2027	<del>6060</del>

Phase	Feature	Description	Start	End	Days
255	Intakes	Intake 2 Sed Basin Piles	<del>7/15/2027</del> 1/15/2026	<del>1/22/2028</del> 7/22/2027	<del>109</del> 08
257	Intakes	Intake 2 Sed Basin Concrete	<del>8/15/2027</del> 2/15/2026	<del>10/28/2028</del> 2/28/2028	<del>252</del> 52
259	Intakes	Intake 2 Sed Basin Gates	<del>9/5/2028</del> 5/2028	<del>12/25/2028</del> 4/25/2028	<del>646</del> 4
261	Intakes	Intake 2 Sed Basin MEP & Finish	<del>10/29/2028</del> 2/29/2028	<del>1/22/2029</del> 7/22/2028	<del>494</del> 8
Feature	Intakes	Routine supply delivery for duration of const.	<del>11/1/2020</del> 1/1/2021	<del>8/5/2029</del> 7/5/2028	<del>228</del> 2,016
7002	Intermediate Forebay	Mobilization	7/1/2024	8/1/2024	65
7003	Intermediate Forebay	Contr. Mngmt., Supervision, Admin.	7/1/2024	7/11/2029	1,300
7004	Intermediate Forebay	Access Construction	7/15/2024	11/15/2024	84
7005	Intermediate Forebay	Temporary Facilities	8/1/2024	12/30/2024	52
7006	Intermediate Forebay	Batch Plant	4/13/2028	3/23/2029	260
7007	Intermediate Forebay	Temp Facility Operations	7/1/2024	7/11/2029	1,300
7010	Intermediate Forebay	Intermediate Forebay Earthworks	7/1/2024	12/25/2027	650
7022	Intermediate Forebay	Intermediate Forebay Inlet Ground Improvements	1/14/2027	10/12/2028	195
7020	Intermediate Forebay	Intermediate Forebay Inlet Sitework	10/14/2027	4/12/2028	130
7035	Intermediate Forebay	Intermediate Forebay Inlet Concrete	4/13/2028	4/11/2029	260
7040	Intermediate Forebay	Intermediate Forebay Inlet Gates	1/11/2029	7/11/2029	130
7045	Intermediate Forebay	Intermediate Forebay Inlet Mech & Elect	4/12/2029	7/11/2029	65
7052	Intermediate Forebay	Outlet Ground Improvements	12/28/2026	9/23/2028	195
7050	Intermediate Forebay	Intermediate Forebay Outlet Sitework	9/27/2027	3/24/2028	130
7065	Intermediate Forebay	Intermediate Forebay Outlet Concrete	3/27/2028	3/23/2029	260
7070	Intermediate Forebay	Intermediate Forebay Outlet Gates	12/25/2028	6/22/2029	130
7075	Intermediate Forebay	Intermediate Forebay Outlet Mech & Elect	3/26/2029	6/22/2029	65
Feature	Intermediate Forebay	Routine supply delivery for duration of const.	7/1/2024	7/11/2029	1,300
9999	Permeant Power	Repurposing Temporary Lines to Permeant	1/1/2027	6/30/2027	128
7505	Reach 7/Combined Pump Plant	Mobilization	1/2/2018	3/26/2018	60
7507	Reach 7/Combined Pump Plant	Contractor's Site Staff-Surface Tunnel Support	1/2/2018	7/29/2024	1,715
7508	Reach 7/Combined Pump Plant	Contractor's Site Staff-Pump Plants	12/3/2026	12/25/2028	540
7510	Reach 7/Combined Pump Plant	Access Construction	2/5/2018	5/20/2018	60
7512	Reach 7/Combined Pump Plant	Temporary Facility Construction	3/5/2018	8/12/2018	92
7516	Reach 7/Combined Pump Plant	Batch Plant Operation	9/10/2018	9/15/2028	2,092
7517	Reach 7/Combined Pump Plant	Temporary Facility Ops- Surface Tunnel Support	2/1/2018	7/29/2024	1,695
7518	Reach 7/Combined Pump Plant	Temporary Facility Ops-Pump Plant	12/3/2026	12/25/2028	540
7520	Reach 7/Combined Pump Plant	Clifton Court Cofferdam	5/20/2018	9/8/2018	64

Phase	Feature	Description	Start	End	Days
7522	Reach 7/Combined Pump Plant	Old River Wharf	8/13/2018	12/16/2018	72
7530	Reach 7/Combined Pump Plant	Initial Earthwork	5/21/2018	10/21/2018	88
7535	Reach 7/Combined Pump Plant	Complete Embankment to El. 25	12/27/2027	6/4/2028	92
7540	Reach 7/Combined Pump Plant	Final Site Work	6/4/2028	12/30/2028	120
7600	Reach 7/Combined Pump Plant	East and West Tunnel Completion Dates	12/3/2026	3/4/2027	52
7705	Reach 7/Combined Pump Plant	West Pump Shaft Slab Concrete @ El -50	3/5/2027	4/29/2027	32
7710	Reach 7/Combined Pump Plant	West Pump Shaft Wall Concrete Below Op Deck	4/30/2027	10/7/2027	92
7715	Reach 7/Combined Pump Plant	West Pump Shaft Operating Deck Concrete	9/14/2027	12/27/2027	60
7725	Reach 7/Combined Pump Plant	West Pump Shaft Pumps & Operators	6/9/2028	10/26/2028	80
7730	Reach 7/Combined Pump Plant	W Pump Plant Pipe to Discharge Splash Area	12/27/2027	4/9/2028	60
7760	Reach 7/Combined Pump Plant	East Pump Shaft Slab Concrete @ El. -50	12/3/2026	1/27/2027	32
7765	Reach 7/Combined Pump Plant	East Pump Shaft Wall Concrete Below Op Deck	1/27/2027	7/6/2027	92
7770	Reach 7/Combined Pump Plant	East Pump Shaft Operating Deck Concrete	5/1/2027	8/13/2027	60
7780	Reach 7/Combined Pump Plant	East Pump Shaft Pumps & Operators	3/1/2028	7/18/2028	80
7785	Reach 7/Combined Pump Plant	E Pump Plant Pipe to Discharge Splash Basin	7/22/2027	11/3/2027	60
7810	Reach 7/Combined Pump Plant	Pump Plants Surge Channel & Splash Basin	5/13/2027	12/8/2027	120
7820	Reach 7/Combined Pump Plant	Excavation & Piling for Splash Basin	3/4/2027	5/12/2027	40
7830	Reach 7/Combined Pump Plant	Backfill Splash Basin	12/8/2027	1/11/2028	20
7850	Reach 7/Combined Pump Plant	Pump Plant Construction Plant Operation	10/22/2026	4/8/2028	304
7905	Reach 7/Combined Pump Plant	West Pump Plant Walls above Op Deck	12/27/2027	5/14/2028	80
7907	Reach 7/Combined Pump Plant	East Pump Plant Walls above Op Deck	8/13/2027	12/30/2027	80
7910	Reach 7/Combined Pump Plant	West Pump Plant Overhead Crane	4/8/2028	6/9/2028	36
7912	Reach 7/Combined Pump Plant	East Pump Plant Overhead Crane	12/30/2027	3/1/2028	36
7915	Reach 7/Combined Pump Plant	West Pump Plant Roof	4/8/2028	5/26/2028	28
7917	Reach 7/Combined Pump Plant	East Pump Plant Roof	12/30/2027	2/16/2028	28

Phase	Feature	Description	Start	End	Days
7920	Reach 7/Combined Pump Plant	West Pump Plant Finish Out	9/26/2028	12/25/2028	52
7922	Reach 7/Combined Pump Plant	East Pump Plant Finish Out	6/19/2028	9/17/2028	52
7925	Reach 7/Combined Pump Plant	Pump Plant MCC/Electrical Buildings (2 ea)	6/4/2028	9/30/2028	68
7930	Reach 7/Combined Pump Plant	Pump Plant Substation & Electrical Distribution	8/4/2028	11/30/2028	68
7935	Reach 7/Combined Pump Plant	Pump Plants Drywell Access Bldgs & Finish	7/1/2028	11/17/2028	80
7940	Reach 7/Combined Pump Plant	Pump Plants Water Treatment Facility	7/17/2028	12/3/2028	80
1010	Reach 7/Combined Pump Plant	TunnelMob Concurrent With Surface Activit	1/2/2019	1/31/2019	22
1020	Reach 7/Combined Pump Plant	Setup East Pump Plant	2/1/2019	2/14/2019	10
1030	Reach 7/Combined Pump Plant	Slurry Wall Installation	9/10/2018	3/14/2019	130
1040	Reach 7/Combined Pump Plant	Excavate East Wet Well	5/9/2019	8/26/2019	76
1050	Reach 7/Combined Pump Plant	Tie Rebar Tremie Slab	8/27/2019	9/3/2019	6
1060	Reach 7/Combined Pump Plant	Setup & place tremie Slab	9/4/2019	9/10/2019	4
1070	Reach 7/Combined Pump Plant	Pump Water From Shaft	9/11/2019	9/13/2019	3
1080	Reach 7/Combined Pump Plant	Cure Time Tremie Slab	9/16/2019	9/24/2019	7
1090	Reach 7/Combined Pump Plant	Tie Rebar Work Slab	9/25/2019	10/2/2019	6
1100	Reach 7/Combined Pump Plant	Setup & Place Work Slab	10/3/2019	10/3/2019	1
1110	Reach 7/Combined Pump Plant	Tie Rebar Thrust Ring	10/4/2019	10/21/2019	12
1120	Reach 7/Combined Pump Plant	Set breakout forms & assemble Wall Foms	10/22/2019	10/25/2019	4
1130	Reach 7/Combined Pump Plant	Form Thrust Ring	10/28/2019	11/7/2019	9
1140	Reach 7/Combined Pump Plant	Jet Grout Anular Ring	3/15/2019	5/8/2019	39
1150	Reach 7/Combined Pump Plant	Asemble East TBM	11/21/2019	3/13/2020	78
1160	Reach 7/Combined Pump Plant	Place Thrust Ring	11/8/2019	11/20/2019	9
1170	Reach 7/Combined Pump Plant	Order & Manufacture East TBM	1/2/2018	6/28/2019	380
1180	Reach 7/Combined Pump Plant	Order & Manufacture West TBM	4/5/2018	10/2/2019	380
1280	Reach 7/Combined Pump Plant	Excavate East Tunnel	3/16/2020	4/2/2025	1,283



Phase	Feature	Description	Start	End	Days
1290	Reach 7/Combined Pump Plant	E Pump Plant Set & Strip Elbow forms	4/20/2026	4/30/2026	9
1300	Reach 7/Combined Pump Plant	Tie Rebar	5/1/2026	5/11/2026	7
1320	Reach 7/Combined Pump Plant	Set & Strip Shaft Forms	5/12/2026	5/25/2026	10
1330	Reach 7/Combined Pump Plant	Place wet well shaft Concrete	5/26/2026	7/14/2026	34
1340	Reach 7/Combined Pump Plant	Excavate Pump Plant Annular Ring	8/6/2026	9/23/2026	34
1350	Reach 7/Combined Pump Plant	Pump Plant Wall Rebar Below EL -2	9/24/2026	10/21/2026	20
1360	Reach 7/Combined Pump Plant	Assemble Pump Plant Wall Forms	10/22/2026	10/28/2026	5
1370	Reach 7/Combined Pump Plant	Set & Strip Pump Plant Wall Forms	10/29/2026	11/13/2026	12
1380	Reach 7/Combined Pump Plant	Place Pump Wall Concrete	11/16/2026	12/2/2026	12
1390	Reach 7/Combined Pump Plant	Muck Disposal CONVEYOR SET UP	2/1/2019	3/25/2019	36
1480	Reach 7/Combined Pump Plant	Backfill Around Wet Well	7/15/2026	8/5/2026	16
1510	Reach 7/Combined Pump Plant	Setup West Pump Plant	2/1/2019	2/14/2019	10
1520	Reach 7/Combined Pump Plant	Slurry Wall Installation	12/10/2018	7/31/2019	130
1530	Reach 7/Combined Pump Plant	Jet Grout Anular Ring	8/1/2019	9/25/2019	39
1540	Reach 7/Combined Pump Plant	Excavate West Wet Well	9/26/2019	1/14/2020	76
1550	Reach 7/Combined Pump Plant	Tie Rebar Tremie Slab	1/15/2020	1/22/2020	6
1560	Reach 7/Combined Pump Plant	Setup & place tremie Slab	1/23/2020	1/28/2020	4
1570	Reach 7/Combined Pump Plant	Pump Water From Shaft	1/29/2020	1/31/2020	3
1580	Reach 7/Combined Pump Plant	Cure Time Tremie Slab	2/3/2020	2/11/2020	7
1590	Reach 7/Combined Pump Plant	Tie Rebar Work Slab	2/12/2020	2/20/2020	6
1600	Reach 7/Combined Pump Plant	Setup & Place Work Slab	2/21/2020	2/21/2020	1
1610	Reach 7/Combined Pump Plant	Tie Rebar Thrust Ring	2/24/2020	3/10/2020	12
1620	Reach 7/Combined Pump Plant	Set breakout forms & assemble Wall Foms	3/11/2020	3/16/2020	4
1630	Reach 7/Combined Pump Plant	Form Thrust Ring	3/17/2020	3/27/2020	9
1640	Reach 7/Combined Pump Plant	Place Thrust Ring	3/30/2020	4/9/2020	9

Phase	Feature	Description	Start	End	Days
1650	Reach 7/Combined Pump Plant	Assemble West TBM	4/10/2020	7/30/2020	78
1660	Reach 7/Combined Pump Plant	W. Pump Plant Set & Strip Elbow Forms	8/26/2026	9/8/2026	9
1670	Reach 7/Combined Pump Plant	Tie Rebar	9/9/2026	9/17/2026	7
1690	Reach 7/Combined Pump Plant	Set & Strip Shaft Forms	9/18/2026	9/30/2026	9
1700	Reach 7/Combined Pump Plant	Place wet well shaft Concrete	10/1/2026	10/12/2026	8
1710	Reach 7/Combined Pump Plant	Excavate Pump Plant Annular Ring	11/4/2026	12/22/2026	34
1720	Reach 7/Combined Pump Plant	Pump Plant Wall Rebar Below EL -2	12/23/2026	1/20/2027	19
1730	Reach 7/Combined Pump Plant	Assemble Pump Plant Wall Forms	1/21/2027	1/27/2027	5
1740	Reach 7/Combined Pump Plant	Set & Strip Pump Plant Wall Forms	1/28/2027	2/12/2027	12
1750	Reach 7/Combined Pump Plant	Place Pump Wall Concrete	2/15/2027	3/3/2027	12
1880	Reach 7/Combined Pump Plant	Excavate West Tunnel	7/31/2020	8/11/2025	1,277
1890	Reach 7/Combined Pump Plant	West TBM Conveyor, Grout, Utilities & Cle	8/12/2025	8/25/2026	264
1970	Reach 7/Combined Pump Plant	Slurry Wall East Access Shaft	3/18/2019	4/11/2019	16
1980	Reach 7/Combined Pump Plant	Excavate & Support East Access Shaft	4/12/2019	4/24/2019	9
1990	Reach 7/Combined Pump Plant	Excavate & Support East Access Tunnel	4/25/2019	5/1/2019	5
2000	Reach 7/Combined Pump Plant	Line East Access Tunnel & Shaft	5/2/2019	6/7/2019	26
2010	Reach 7/Combined Pump Plant	Operate Muck Disposal Area	3/26/2019	9/8/2025	1,640
2020	Reach 7/Combined Pump Plant	Slurry Wall West Access Shaft	8/1/2019	8/28/2019	16
2021	Reach 7/Combined Pump Plant	Excavate & Support West Access Shaft	8/29/2019	9/11/2019	9
2022	Reach 7/Combined Pump Plant	Excavate & Support West Access Tunnel	9/12/2019	9/18/2019	5
2023	Reach 7/Combined Pump Plant	Line West Access Tunnel & Shaft	9/19/2019	10/24/2019	26
2030	Reach 7/Combined Pump Plant	Operate Tunnel Water Treatment Plant	2/1/2019	3/2/2027	2,051
2033	Reach 7/Combined Pump Plant	E&W Intervention Grout Zone #1	9/26/2019	1/24/2020	84
2040	Reach 7/Combined Pump Plant	Indirects Tunnel & Shaft	3/12/2019	3/4/2027	2,027
2043	Reach 7/Combined Pump Plant	E&W Site, Grout & Slurry Wall Safe Haven	1/27/2020	10/28/2020	155

Phase	Feature	Description	Start	End	Days
2053	Reach 7/Combined Pump Plant	East Excavate Safe Haven Shaft #1	10/29/2020	12/21/2020	37
2060	Reach 7/Combined Pump Plant	Excavate & Berm Muck Disposal Area	7/30/2018	12/27/2018	85
2063	Reach 7/Combined Pump Plant	East Concrete Safe Haven Shaft #1	12/22/2020	2/4/2021	31
2070	Reach 7/Combined Pump Plant	Final Dress & Cleanup Muck Disposal Area	9/9/2025	3/9/2026	100
2073	Reach 7/Combined Pump Plant	East Backfill Safe Haven Shaft #1	6/10/2021	7/9/2021	21
2083	Reach 7/Combined Pump Plant	West Excavate Safe Haven Shaft #1	12/22/2020	2/12/2021	37
2090	Reach 7/Combined Pump Plant	Backfill around Wet Well Shaft	10/13/2026	11/3/2026	16
2093	Reach 7/Combined Pump Plant	West Concrete Safe Haven Shaft # 1	2/15/2021	3/30/2021	31
2100	Reach 7/Combined Pump Plant	Turn Over To East Pump Plant Crew	12/3/2026	12/3/2026	1
2103	Reach 7/Combined Pump Plant	West Safe Haven Shaft #1 Backfill	6/1/2021	6/29/2021	21
2110	Reach 7/Combined Pump Plant	East TBM, Grout, Conveyor, Utilities & Cl	4/3/2025	4/17/2026	265
2113	Reach 7/Combined Pump Plant	E&W Restore Safe Haven Shaft #1	7/12/2021	8/17/2021	22
2120	Reach 7/Combined Pump Plant	Turn Over To West Pump Plant Crew	3/4/2027	3/4/2027	1
2123	Reach 7/Combined Pump Plant	E&W Intervention Grout Zone # 2	10/29/2020	3/2/2021	85
2133	Reach 7/Combined Pump Plant	E&W Site, Grout, & Slurry Wall Safe Have	3/3/2021	10/8/2021	155
2143	Reach 7/Combined Pump Plant	East Safe Haven #2 Shaft Excavate	10/11/2021	12/20/2021	50
2153	Reach 7/Combined Pump Plant	East Safe Haven Shaft #2 Concrete	12/21/2021	2/3/2022	31
2173	Reach 7/Combined Pump Plant	West Safe Haven Shaft #2 Excavate	12/21/2021	3/3/2022	50
2183	Reach 7/Combined Pump Plant	West Safe Haven Shaft #2 Concrete	3/4/2022	4/15/2022	31
2213	Reach 7/Combined Pump Plant	E&W Intervention Grout Zone #3	10/11/2021	2/14/2022	88
2253	Reach 7/Combined Pump Plant	East Backfill Safe Haven Shaft #2	8/19/2022	9/19/2022	21
2283	Reach 7/Combined Pump Plant	West Backfill Safe Haven Shaft # 2	1/7/2023	1/31/2023	21
2303	Reach 7/Combined Pump Plant	E&W Intervention Grout Zone # 4	2/15/2022	6/15/2022	85
2313	Reach 7/Combined Pump Plant	E&W Site, Grout & Slurry Wall Recovery S	10/17/2022	7/31/2023	200
2323	Reach 7/Combined Pump Plant	East Excavate Reception Shaft	8/1/2023	12/22/2023	102

Phase	Feature	Description	Start	End	Days
2333	Reach 7/Combined Pump Plant	East Recovery Shaft Concrete	12/26/2023	3/5/2024	49
2343	Reach 7/Combined Pump Plant	West Recovery Excavate Shaft	12/26/2023	5/17/2024	102
2353	Reach 7/Combined Pump Plant	West Recovery Concrete	5/20/2024	7/29/2024	49
2363	Reach 7/Combined Pump Plant	E&W Intervention Grout Zone #5	6/16/2022	10/14/2022	85
Feature	Reach 7/Combined Pump Plant	Routine supply delivery for duration of const.	1/2/2018	12/30/2028	2,878
1010	Reach 4	Tunnel Mob Concurrent With Surface Activi	10/9/2019	11/7/2019	22
1020	Reach 4	Setup East Launch Shaft Sta 0+00	11/8/2019	11/21/2019	10
1030	Reach 4	East Slurry Wall Installation	8/6/2019	11/21/2019	77
1040	Reach 4	Excavate East Launch Shaft	2/26/2020	6/25/2020	86
1050	Reach 4	East Tie Rebar Tremie Slab	6/26/2020	7/10/2020	10
1060	Reach 4	East Setup & place tremie Slab	7/13/2020	7/20/2020	6
1070	Reach 4	East Pump Water From Shaft	7/30/2020	8/3/2020	3
1080	Reach 4	East Cure Time Tremie Slab	7/21/2020	7/29/2020	7
1100	Reach 4	East Setup & Place Work Slab	8/4/2020	8/4/2020	1
1110	Reach 4	East Tie Rebar Thrust Ring	8/5/2020	9/2/2020	21
1120	Reach 4	East Set breakout forms	9/3/2020	9/4/2020	2
1130	Reach 4	East Form Thrust Ring	9/11/2020	9/24/2020	10
1140	Reach 4	East Jet Gout Break in Break out Blocks	11/22/2019	2/25/2020	64
1160	Reach 4	East Place Thrust Ring	9/25/2020	10/5/2020	7
1170	Reach 4	Setup For West Launch Shaft Sta 0+00	6/15/2020	6/26/2020	10
1180	Reach 4	West Slurry Wall Installation	11/22/2019	3/13/2020	77
1190	Reach 4	Excavate West Launch Shaft	6/29/2020	10/28/2020	86
1200	Reach 4	West Jet Grout Break in Break out Blocks	3/16/2020	6/12/2020	64
1210	Reach 4	West Tie rebar Tremi Slab	10/29/2020	11/11/2020	10
1220	Reach 4	West Setup & Place Tremi Slab	11/12/2020	11/19/2020	6
1230	Reach 4	West Tie Rebar Thrust Ring	12/8/2020	1/7/2021	21
1240	Reach 4	West Breakout Rng Forms	1/8/2021	1/11/2021	2
1250	Reach 4	West Assemble Thrust Ring Forms	1/12/2021	1/14/2021	3
1260	Reach 4	West Set & Strip Thrust Ring Forms	1/15/2021	1/28/2021	10
1270	Reach 4	West Place Thrust Ring Concrete	1/29/2021	2/8/2021	7
1280	Reach 4	Excavate East Tunnel	1/27/2021	9/4/2026	1,425
1290	Reach 4	West Pump Water From Shaft	12/2/2020	12/4/2020	3
1300	Reach 4	West Cure Time Tremie Slab	11/20/2020	12/1/2020	7
1310	Reach 4	East Assemble Thrust Ring Forms	9/8/2020	9/10/2020	3
1320	Reach 4	West Working Slab	12/7/2020	12/7/2020	1
1330	Reach 4	East Launch Shaft Backfill & Line	7/20/2027	11/16/2027	85
1340	Reach 4	West Launch Shaft Backfill & Line	5/23/2028	9/21/2028	85
1390	Reach 4	Muck Disposal Conveyor Set Up	11/8/2019	12/31/2019	36
1650	Reach 4	Assemble West TBM	2/9/2021	5/28/2021	78
1660	Reach 4	Assemble East TBM	10/6/2020	1/26/2021	78
1880	Reach 4	Excavate West Tunnel	6/1/2021	1/11/2027	1,425

Phase	Feature	Description	Start	End	Days
1890	Reach 4	West Rem TBM Conveyor, Utilities, Grout &	7/13/2027	5/22/2028	220
2010	Reach 4	Operate Muck Disposal Area	1/2/2020	1/22/2027	1,793
2030	Reach 4	Operate Tunnel Water Treatment Plant	11/8/2019	3/21/2028	2,123
2033	Reach 4	E& W Intervention Grout Zones Sta 48+33	6/15/2020	10/16/2020	88
2040	Reach 4	Indirects Tunnel & Shaft	11/11/2019	3/23/2028	2,124
2043	Reach 4	EW Grout / Slurry Wall Safe Haven Shaft S	10/19/2020	5/27/2021	155
2050	Reach 4	Set up Docks, Berm & Work Site	11/6/2018	11/7/2019	256
2053	Reach 4	East Excavate Safe Haven Shaft Sta 96+66	5/28/2021	7/15/2021	33
2060	Reach 4	Excavate & Berm Muck Disposal Area	6/11/2019	11/7/2019	85
2063	Reach 4	East Concrete Safe Haven Shaft Sta 96+66	7/16/2021	9/21/2021	47
2070	Reach 4	Final Dress & Cleanup Muck Disposal Area	8/9/2027	2/3/2028	100
2073	Reach 4	East Backfill Safe Haven Shaft Sta 96+66	7/25/2022	8/17/2022	18
2080	Reach 4	Batch Plant Operations	11/8/2019	9/11/2028	2,244
2083	Reach 4	West Excavate Safe Haven Shaft Sta 96+66	7/16/2021	8/31/2021	33
2093	Reach 4	West Concrete Safe Haven Shaft Sta 96+66	9/1/2021	11/5/2021	47
2110	Reach 4	East Rem TBM Conveyor, Utilities, Grout &	9/8/2026	7/19/2027	219
2113	Reach 4	E&W Restore Safe Haven Shaft Sta 96+66	12/21/2022	4/10/2023	60
2123	Reach 4	E&W Intervention Grout Zone Sta 148+50 +	5/28/2021	10/1/2021	88
2193	Reach 4	West Safe Haven Backfill Sta 252+18	11/8/2024	12/4/2024	18
2203	Reach 4	E&W Safe Haven Restoration Sta 252+18	12/5/2024	4/10/2025	70
2213	Reach 4	E&W Intervention Grout Zone Sta 200+34	5/13/2022	9/16/2022	88
2233	Reach 4	E&W Grout / Slurry Wall Safe Haven Sta 2	10/4/2021	5/12/2022	155
2243	Reach 4	East Excavate Safe Haven w/ Shaft Sta 25	5/13/2022	6/29/2022	33
2253	Reach 4	West Excavate Safe Haven W/ Shaft Sta 2	6/30/2022	8/16/2022	33
2263	Reach 4	East Safe Haven W/ Shaft Conc Sta 252+18	6/30/2022	9/5/2022	47
2273	Reach 4	West Safe Haven W/ Shaft Conc Sta 252+18	8/17/2022	10/21/2022	47
2283	Reach 4	East Safe Haven Backfill Sta 252+18	7/9/2024	8/1/2024	18
2293	Reach 4	West Backfill Safe Haven Shaft Sta 96+66	11/24/2022	12/20/2022	18
2303	Reach 4	E&W Intervention Grout Zone Sta 309+22	9/19/2022	1/23/2023	88
2313	Reach 4	E/W Complete Recovery Shaft Area	12/28/2027	4/5/2028	70
2323	Reach 4	E&W Intervention Grout Zone Sta 425+38	5/29/2023	10/2/2023	88
2333	Reach 4	East Recovery Shaft Liner Concrete & Ba	10/5/2026	2/22/2027	97
2343	Reach 4	E&W Intervention Grout Zone Sta 366+20	1/24/2023	5/26/2023	88
2353	Reach 4	West Recovery Shaft Liner Concrete & Bac	8/10/2027	12/27/2027	97
Feature	Reach 4	Routine supply delivery for duration of const.	11/6/2018	9/21/2028	2,462
1010	Reach 5	Tunnel Mob Concurrent With Surface Activi	1/27/2021	2/26/2021	22
1015	Reach 5	Grout/Slurry Wall E/W Recovery Shafts St	11/5/2020	3/12/2021	88
1030	Reach 5	Set Up East Recovery Shaft	3/15/2021	3/26/2021	10
1040	Reach 5	Excavate East Recovery Shaft	3/29/2021	6/24/2021	63
1050	Reach 5	East Tie Rebar Tremie Slab	6/25/2021	7/9/2021	10
1060	Reach 5	East Setup & place tremie Slab	7/12/2021	7/19/2021	6
1070	Reach 5	East Pump Water From Shaft	7/29/2021	8/2/2021	3
1080	Reach 5	East Cure Time Tremie Slab	7/20/2021	7/28/2021	7
1100	Reach 5	East Setup & Place Work Slab	8/3/2021	8/3/2021	1

Phase	Feature	Description	Start	End	Days
1110	Reach 5	East Tie Rebar Thrust Ring	8/4/2021	9/7/2021	24
1120	Reach 5	East Set breakout forms	9/8/2021	9/9/2021	2
1130	Reach 5	East Form Thrust Ring	9/15/2021	9/28/2021	10
1160	Reach 5	East Place Thrust Ring	9/29/2021	10/7/2021	7
1170	Reach 5	Setup For West Recovery Shaft	6/25/2021	7/9/2021	10
1190	Reach 5	Excavate West Recovery Shaft	7/12/2021	10/7/2021	63
1210	Reach 5	West Tie rebar Tremi Slab	10/8/2021	10/21/2021	10
1220	Reach 5	West Setup & Place Tremi Slab	10/22/2021	10/29/2021	6
1230	Reach 5	West Tie Rebar Thrust Ring	11/16/2021	12/20/2021	24
1240	Reach 5	West Breakout Rng Forms	12/21/2021	12/22/2021	2
1250	Reach 5	West Assemble Thrust Ring Forms	12/23/2021	12/28/2021	3
1260	Reach 5	West Set & Strip Thrust Ring Forms	12/29/2021	1/12/2022	10
1270	Reach 5	West Place Thrust Ring Concrete	1/13/2022	1/21/2022	7
1280	Reach 5	Excavate East Tunnel	2/11/2022	11/8/2024	698
1290	Reach 5	West Pump Water From Shaft	11/10/2021	11/12/2021	3
1300	Reach 5	West Cure Time Tremie Slab	11/1/2021	11/9/2021	7
1310	Reach 5	East Assemble Thrust Ring Forms	9/10/2021	9/14/2021	3
1320	Reach 5	West Working Slab	11/15/2021	11/15/2021	1
1390	Reach 5	Muck Disposal Conveyor Set Up	3/11/2021	4/29/2021	36
1650	Reach 5	Assemble West TBM	2/11/2022	6/15/2022	87
1660	Reach 5	Assemble East TBM	10/8/2021	2/10/2022	87
1880	Reach 5	Excavate West Tunnel	6/16/2022	3/20/2025	701
1890	Reach 5	W Remove TBM Conveyor,Utilities, Grout &	3/21/2025	8/18/2025	105
2010	Reach 5	Operate Muck Disposal Area	4/30/2021	4/11/2025	1,003
2020	Reach 5	Operate Batch Plant	3/1/2021	6/9/2025	1,087
2030	Reach 5	Operate Tunnel Water Treatment Plant	3/1/2021	3/6/2024	767
2033	Reach 5	E& W Intervention Grout Zones Sta 668+39	3/15/2021	7/16/2021	88
2040	Reach 5	Indirects Tunnl & Shaft	3/1/2021	9/12/2025	1,154
2043	Reach 5	E&W Grout/Slurry WallSafe Haven Shafts St	11/19/2021	6/30/2022	155
2050	Reach 5	Surface Mobilize Work Site	3/3/2020	2/26/2021	252
2053	Reach 5	East Excavate Safe Haven Shaft Sta 577+/-	7/1/2022	8/16/2022	32
2060	Reach 5	Excavate & Berm Muck Disposal Area	10/27/2020	2/26/2021	85
2063	Reach 5	East Concrete Safe Haven Shaft Sta 577+/-	8/17/2022	10/13/2022	41
2070	Reach 5	Final Dress & Cleanup Muck Disposal Area	4/14/2025	9/2/2025	80
2073	Reach 5	East Backfill Safe Haven Shaft Sta 577 +	10/10/2023	11/1/2023	17
2083	Reach 5	West Excavate Safe Haven Shaft Sta 577 +	8/17/2022	9/30/2022	32
2103	Reach 5	West Backfille Safe Haven Shaft Sta 577	2/13/2024	3/7/2024	17
2110	Reach 5	E Remove TBM Conveyor,Utilities, Grout &	11/11/2024	4/10/2025	105
2113	Reach 5	E&W Restore Safe Haven Shaft Sta 577+/-	3/11/2024	4/16/2024	22
2213	Reach 5	E&W Intervention Grout Zone Sta 622+60	7/19/2021	11/18/2021	88
2223	Reach 5	E&W Intervention Grout Zone Sta 529+90	7/1/2022	11/3/2022	88
2243	Reach 5	West Concrete Safe Haven Shaft Sta 577 +	10/3/2022	11/29/2022	41
Feature	Reach 5	Routine supply delivery for duration of const.	3/3/2020	9/12/2025	1,503
1010	Reach 6	Tunnel Mob Concurrent With Surface Activi	1/29/2020	2/28/2020	22

Phase	Feature	Description	Start	End	Days
1020	Reach 6	Setup East Launch Shaft	3/2/2020	3/13/2020	10
1030	Reach 6	East Launch Shaft Slurry Wall Installati	11/6/2019	2/26/2020	77
1040	Reach 6	Excavate East Launch Shaft	3/16/2020	6/2/2020	56
1050	Reach 6	East Tie Rebar Tremie Slab	6/3/2020	6/16/2020	10
1060	Reach 6	East Setup & place tremie Slab	6/17/2020	6/24/2020	6
1070	Reach 6	East Pump Water From Shaft	7/7/2020	7/9/2020	3
1080	Reach 6	East Cure Time Tremie Slab	6/25/2020	7/6/2020	7
1090	Reach 6	East Muck / Service Shaft Slury Wall & J	2/27/2020	8/3/2020	111
1100	Reach 6	East Setup & Place Work Slab	7/10/2020	7/13/2020	2
1110	Reach 6	East Tie Rebar Thrust Ring	7/14/2020	8/12/2020	22
1120	Reach 6	East Set breakout forms	8/13/2020	8/14/2020	2
1130	Reach 6	East Form Thrust Ring	8/20/2020	9/2/2020	10
1140	Reach 6	East launch Jet Gout Break in Break out	2/27/2020	5/26/2020	64
1150	Reach 6	East Muck/ Service Excav & Concrete	6/2/2020	9/15/2020	74
1160	Reach 6	East Place Thrust Ring	9/3/2020	9/11/2020	6
1170	Reach 6	Setup For West Launch Shaft	6/16/2020	6/29/2020	10
1180	Reach 6	West Launch Shaft Slurry Wall Installati	2/27/2020	6/15/2020	77
1190	Reach 6	Excavate West Launch Shaft	6/30/2020	9/17/2020	56
1200	Reach 6	West Launch Jet Grout Break in Break out	5/27/2020	8/26/2020	64
1210	Reach 6	West Tie rebar Tremi Slab	9/18/2020	10/1/2020	10
1220	Reach 6	West Setup & Place Tremi Slab	10/2/2020	10/9/2020	6
1230	Reach 6	West Tie Rebar Thrust Ring	10/28/2020	11/27/2020	22
1240	Reach 6	West Breakout Rng Forms	11/30/2020	12/1/2020	2
1250	Reach 6	West Assemble Thrust Ring Forms	12/2/2020	12/4/2020	3
1260	Reach 6	West Set & Strip Thrust Ring Forms	12/7/2020	12/18/2020	10
1270	Reach 6	West Place Thrust Ring Concrete	12/21/2020	12/29/2020	6
1280	Reach 6	Excavate East Tunnel	1/18/2021	4/6/2026	1,325
1290	Reach 6	West Pump Water From Shaft	10/21/2020	10/23/2020	3
1300	Reach 6	West Cure Time Tremie Slab	10/12/2020	10/20/2020	7
1310	Reach 6	East Assemble Thrust Ring Forms	8/17/2020	8/19/2020	3
1320	Reach 6	West Working Slab	10/1/2020	10/27/2020	20
1330	Reach 6	West Muck / Service Shaft Slurry Wall &	6/16/2020	11/19/2020	111
1340	Reach 6	East Muck / Service Shaft Backfill	4/27/2027	6/2/2027	26
1350	Reach 6	West Muck / Service Excavate & Concrete	9/21/2020	1/5/2021	74
1360	Reach 6	WestMuck / Service Shaft Backfill	8/6/2027	9/15/2027	28
1390	Reach 6	Muck Disposal Conveyor Set Up	3/2/2020	4/20/2020	36
1400	Reach 6	East Launch Shaft Liner & Back fill	5/12/2025	7/21/2025	49
1410	Reach 6	West Launch Shaft Liner & Backfill	8/28/2025	11/5/2025	49
1450	Reach 6	East Launch Shaft Area Complete Pad	6/3/2027	6/24/2027	18
1460	Reach 6	West Launch Shaft Area Complete Pad	9/16/2027	10/7/2027	18
1650	Reach 6	Assemble West TBM	12/30/2020	5/3/2021	87
1660	Reach 6	Assemble East TBM	9/14/2020	1/15/2021	87
1880	Reach 6	Excavate West Tunnel	5/4/2021	7/22/2026	1,325
1890	Reach 6	West Rem TBM Conveyor,Utilities, Grout &	7/23/2026	8/5/2027	264
2010	Reach 6	Operate Muck Disposal Area	4/21/2020	7/31/2026	1,595

Phase	Feature	Description	Start	End	Days
2030	Reach 6	Operate Tunnel Water Treatment Plant	3/2/2020	7/27/2027	1,881
2033	Reach 6	E&W Intervention Grout Zones Sta 756 +/-	8/27/2020	12/31/2020	88
2040	Reach 6	Indirects Tunnel & Shaft	3/2/2020	9/16/2027	1,917
2043	Reach 6	E&W Grout & Slurry Wall Safe Haven Shafts	1/4/2021	8/11/2021	155
2050	Reach 6	Set up Docks, Berm & Work Site	3/5/2019	2/28/2020	252
2053	Reach 6	East Excavate Safe Haven Shaft Sta 796 +	8/12/2021	9/27/2021	32
2060	Reach 6	Excavate & Berm Muck Disposal Area	10/29/2019	2/28/2020	85
2063	Reach 6	East Concrete Safe Haven Shaft Sta 796 +	9/28/2021	11/24/2021	42
2070	Reach 6	Final Dress & Cleanup Muck Disposal Area	8/3/2026	1/28/2027	100
2073	Reach 6	East Backfill Safe Haven Shaft Sta 796+/-	3/30/2022	4/22/2022	18
2080	Reach 6	Operate Batch Plant	3/2/2020	2/14/2025	1,261
2083	Reach 6	West Excavate Safe Haven Shaft Sta 796 +	9/28/2021	11/10/2021	32
2093	Reach 6	West Concrete Safe Haven Shaft Sta 796 +	11/11/2021	1/12/2022	42
2103	Reach 6	West Backfill Safe Haven Shaft Sta 796	7/15/2022	8/9/2022	18
2110	Reach 6	East Rem TBM Conveyor, Utilities, Grout &	4/7/2026	4/26/2027	268
2113	Reach 6	E&W Restore Safe Haven Shaft Sta 796 +/-	8/10/2022	9/19/2022	22
2123	Reach 6	E&W Intervention Grout Zone Sta 845 +/-	8/12/2021	12/15/2021	88
2133	Reach 6	E&W Grout & Slurry Wall Safe Haven Shaft	12/16/2021	7/27/2022	155
2143	Reach 6	East Excavate Safe Haven Shaft Sta 894+/-	7/28/2022	9/12/2022	32
2153	Reach 6	East Safe Haven Concrete Sta 894+/-	9/13/2022	11/9/2022	42
2163	Reach 6	East Backfill Safe Haven Sta 894 +/-	11/11/2022	12/7/2022	18
2173	Reach 6	W Excavate safe Haven Shaft Sts 894+/-	9/13/2022	10/26/2022	32
2183	Reach 6	West Concrete Safe Haven Sta 894 +/-	10/27/2022	12/27/2022	42
2193	Reach 6	West Backfill Safe Haven Sta 894+/-	3/1/2023	3/24/2023	18
2203	Reach 6	E&W Restore Surface Safe Haven Sta 894	3/27/2023	5/2/2023	22
2213	Reach 6	E&W Intervention Grout Zone Sta 947 +/-	7/28/2022	11/30/2022	88
2233	Reach 6	E&W Intervention Grout Zone STA 1000 +/-	12/1/2022	4/6/2023	88
2303	Reach 6	E&W Intervention Grout Zone Sta 1052 +/-	4/7/2023	8/10/2023	88
2323	Reach 6	E&W Intervention Grout Zone Sta 1105 +/-	8/11/2023	12/14/2023	88
2313	Reach 6	E/W Complete Recovery Shaft Area	1/4/2027	4/12/2027	70
2333	Reach 6	East Recovery Shaft Liner Concrete & Bac	7/14/2026	9/21/2026	49
2353	Reach 6	West Recovery Shaft Liner Concrete & Bac	10/22/2026	12/31/2026	49
Feature	Reach 6	Routine supply delivery for duration of const.	3/5/2019	10/7/2027	2,141
1010	Reaches 123	Tunnel Mob Concurrent With Surface Activi	5/30/2019	7/1/2019	22
1020	Reaches 123	Setup Reach # 2 Launch Shaft Sta 0+00	7/2/2019	7/16/2019	10
1030	Reaches 123	Reach # 2 Slurry Wall Installation	3/4/2019	6/19/2019	77
1040	Reaches 123	Excavate Reach # 2 Launch Shaft	9/20/2019	1/22/2020	86
1050	Reaches 123	Reach # 2 Tie Rebar Tremie Slab	1/23/2020	2/5/2020	10
1060	Reaches 123	Reach # 2 Setup & place tremie Slab	2/6/2020	2/13/2020	6
1070	Reaches 123	Reach # 2 Pump Water From Shaft	2/26/2020	2/28/2020	3
1080	Reaches 123	Reach # 2 Cure Time Tremie Slab	2/14/2020	2/25/2020	7
1100	Reaches 123	Reach # 2 Setup & Place Work Slab	3/2/2020	3/2/2020	1
1110	Reaches 123	Reach # 2 Tie Rebar Thrust Ring	3/3/2020	3/31/2020	21
1120	Reaches 123	Reach # 2 Set breakout forms	4/1/2020	4/2/2020	2



Phase	Feature	Description	Start	End	Days
1130	Reaches 123	Reah # 2 Form Thrust Ring	4/8/2020	4/21/2020	10
1140	Reaches 123	Reach # 2 Jet Gout Break in Break out Bl	6/20/2019	9/19/2019	64
1160	Reaches 123	Reach # 2 Place Thrust Ring	4/22/2020	4/30/2020	7
1170	Reaches 123	Setup For Reach #3 Launch Shaft Sta 0+00	1/10/2020	1/23/2020	10
1180	Reaches 123	Reach #3 Slurry Wall Installation	6/20/2019	10/8/2019	77
1190	Reaches 123	Excavate Reach # 3 Launch Shaft	1/24/2020	5/25/2020	86
1200	Reaches 123	Reach # 3 Jet Grout Break in Break out B	10/9/2019	1/9/2020	64
1210	Reaches 123	Reach # 3 Tie rebar Tremi Slab	5/26/2020	6/9/2020	10
1220	Reaches 123	Reach # 3 Setup & Place Tremi Slab	6/10/2020	6/17/2020	6
1230	Reaches 123	Reach # 3 Tie Rebar Thrust Ring	7/6/2020	8/3/2020	21
1240	Reaches 123	Reach # 3 Breakout Rng Forms	8/4/2020	8/5/2020	2
1250	Reaches 123	Reach # 3 Assemble Thrust Ring Forms	8/6/2020	8/10/2020	3
1260	Reaches 123	Reach # 3 Set & Strip Thrust Ring Forms	8/11/2020	8/24/2020	10
1270	Reaches 123	Reach # 3 Place Thrust Ring Concrete	8/25/2020	9/2/2020	7
1280	Reaches 123	Excavate Reach # 2 Tunnel	8/21/2020	11/18/2024	1,078
1290	Reaches 123	Reach # 3 Pump Water From Shaft	6/29/2020	7/1/2020	3
1300	Reaches 123	Reach # 3 Cure Time Tremie Slab	6/18/2020	6/26/2020	7
1310	Reaches 123	Reach # 2 Assemble Thrust Ring Forms	4/3/2020	4/7/2020	3
1320	Reaches 123	Reach # 3 Working Slab	7/2/2020	7/2/2020	1
1330	Reaches 123	Reach # 2 Launch Shaft Backfill & Line	2/1/2027	6/1/2027	85
1340	Reaches 123	Reach # 3 Launch Shaft Bckfill & Line	7/11/2023	11/7/2023	85
1350	Reaches 123	Reach 2 3 Turnover To Complete Launch Sh	6/2/2027	6/2/2027	1
1390	Reaches 123	Muck Disposal Conveyor Set Up	7/2/2019	8/21/2019	36
1650	Reaches 123	Assemble Reach # 3 TBM	8/25/2020	11/20/2020	63
1660	Reaches 123	Assemble Reach #2 TBM	5/1/2020	8/20/2020	78
1670	Reaches 123	Reassemble 28 Ft TBM Reach # 1	1/22/2025	4/2/2025	50
1880	Reaches 123	Excavate Reach # 3 Tunnel	11/23/2020	2/13/2023	564
1890	Reaches 123	Reach 3 Rem TBM Conveyor,Utilities,Grout	2/14/2023	7/10/2023	102
1900	Reaches 123	Excavate Reach # 1 Tunnel	4/3/2025	4/10/2026	260
1910	Reaches 123	Remove Reach #1-#2 TBM, Conveyor,Grout e	4/13/2026	1/29/2027	204
2010	Reaches 123	Operate Muck Disposal Area	8/22/2019	5/25/2026	1,716
2030	Reaches 123	Operate Tunnel Water Treatment Plant	7/3/2019	6/1/2027	2,009
2033	Reaches 123	Reach # 2 Intervention Grout Zones Sta 4	1/10/2020	3/12/2020	44
2040	Reaches 123	Indirects Tunnel & Shaft	7/2/2019	6/1/2027	2,010
2043	Reaches 123	Reach #2 Grout / Wall Safe Haven Shaft S	3/13/2020	6/30/2020	77
2050	Reaches 123	Set up Docks, Berm & Work Site	7/3/2018	7/1/2019	253
2053	Reaches 123	Reach # 2 Excavate Safe Haven Shaft Sta	7/1/2020	8/17/2020	33
2060	Reaches 123	Excavate & Berm Muck Disposal Area	3/4/2019	7/1/2019	85
2063	Reaches 123	Reach #2 Concrete Safe Haven Sta 98+79	8/18/2020	10/20/2020	45
2070	Reaches 123	Final Dress & Cleanup Muck Disposal Area	5/26/2026	11/19/2026	100
2073	Reaches 123	Reach # 2 Backfill Safe Haven Shaft Sta	11/2/2021	11/26/2021	18
2080	Reaches 123	Batch Plant Operations	7/2/2019	5/28/2027	2,009
2083	Reaches 123	Reach # 3 Grout/Wall Safe Haven Shaft St	7/1/2020	10/19/2020	77
2093	Reaches 123	Reach # 3 Excavate Safe Haven Shaft Sta	10/21/2020	12/28/2020	47
2110	Reaches 123	Reach # 2 Remove TBm & Trailing Gear	11/19/2024	1/21/2025	43

Phase	Feature	Description	Start	End	Days
2113	Reaches 123	Reach 2 & 3 Restore Safe Haven Shaft St	12/21/2021	4/7/2022	60
2123	Reaches 123	Reach # 2 Intervention Grout Zone Sta 20	5/14/2020	7/16/2020	44
2133	Reaches 123	Reach # 2 Grout /Wall Safe Haven W/ Shaf	10/20/2020	2/8/2021	77
2153	Reaches 123	Reach #3 Concrete Safe Haven Shaft Sta	12/29/2020	3/3/2021	45
2193	Reaches 123	Reach # 3 Backfill Safe Haven Sta 147+47	5/2/2022	5/25/2022	18
2203	Reaches 123	Reach 2&3 Restore Safe Haven @ Sta 148+/-	5/26/2022	9/13/2022	60
2213	Reaches 123	Reach # 2 Intervention Grout Zone Sta 30	11/19/2020	1/22/2021	44
2223	Reaches 123	Reach 2 turnover Junction Shaft to surf	7/29/2026	7/29/2026	1
2233	Reaches 123	Reach # 2 Intervetion Grout Zone Sta 254	9/18/2020	11/18/2020	44
2243	Reaches 123	Reach # 2 Excavate safe Haven Shaft Sta	3/4/2021	4/19/2021	33
2253	Reaches 123	Reach # 3 Excavate Safe Haven Sta 147+47	7/6/2021	9/8/2021	46
2263	Reaches 123	Reach # 2 Concrete Safe Haven Shaft Sta	4/20/2021	6/22/2021	45
2273	Reaches 123	Reach # 3 Safe Haven Conc Sta 147+47	9/9/2021	11/17/2021	50
2283	Reaches 123	Reach #2 Backfill Safe Haven Sta 148+18	6/7/2022	6/30/2022	18
2293	Reaches 123	Reach # 3 Backfill Safe Haven Shaft Sta	11/24/2021	12/20/2021	18
2303	Reaches 123	reach # 3 Intervention Grout Zone Sta 49	3/13/2020	5/13/2020	44
2313	Reaches 123	Reach #3 Backfill Safe Haven Shaft Sts 1	5/26/2022	6/21/2022	18
2323	Reaches 123	Reach # 3 Intervention Grout Zone Sta 19	7/17/2020	9/17/2020	44
2343	Reaches 123	Reach # 1 Intervention Grout Zone Sta 41	1/25/2021	3/26/2021	44
2353	Reaches 123	Reach #2-1 Junction Shaft Excav/Conc Com	4/21/2022	11/21/2022	150
2363	Reaches 123	Reach #3 Recovery Shaft Excavation & Co	8/31/2021	12/16/2021	76
2373	Reaches 123	Reach # 1 Recovery Shaft Lining / B'fill	7/8/2026	9/18/2026	52
2393	Reaches 123	Reach # 3 Recovery Shaft Lining & B'fill	5/10/2023	7/24/2023	52
2403	Reaches 123	Reach # 3 Grout/Wall SafeHaven 147+47	2/9/2021	7/2/2021	102
2413	Reaches 123	Reach # 2 Grout & Wall Junction Shaft St	12/17/2021	4/20/2022	86
2453	Reaches 123	Reach # 1 Recovery Shaft Grout & Wall	4/21/2022	9/23/2022	109
2463	Reaches 123	Reach # 3 Recovery Shaft Grout & Wall	3/29/2021	8/30/2021	109
2473	Reaches 123	Reach # 1 Recovery Shaft Eacavation & Co	11/22/2022	3/13/2023	76
Feature	Reaches 123	Routine supply delivery for duration of const.	7/3/2018	6/2/2027	2164
1111	Temporary Power	Intake 2 Temporary Power 69kV	9/1/2023	11/28/2024	325
1112	Temporary Power	Intermediate Forebay to Intake 3 69kV	7/1/2019	9/25/2020	325
1113	Temporary Power	Intermediate Forebay to intake 5 69kV	1/1/2022	3/30/2023	325
1114	Temporary Power	Intermediate Forebay to Staten 230/115kV	9/1/2017	8/29/2019	520
1115	Temporary Power	Bouldin to Staten 230/115 kV	8/1/2018	10/29/2019	325
1116	Temporary Power	Bouldin to Bacon 230/115 kV	8/1/2018	10/29/2019	325
1117	Temporary Power	Clifton Court to Bacon 230 kV	8/1/2017	10/29/2018	325
R7CPP	Delivery	Equipment and material delivery	1/2/2018	12/30/2028	2,878
CCFor	Delivery	Equipment and material delivery	12/29/2023	3/8/2029	1,561
Reach 6	Delivery	Equipment and material delivery	3/5/2019	10/7/2027	2,141
Reach 5	Delivery	Equipment and material delivery	3/3/2020	9/12/2025	1,503
Reach 4	Delivery	Equipment and material delivery	11/6/2018	9/21/2028	2,462
Reaches 123	Delivery	Equipment and material delivery	7/3/2018	6/2/2027	2,164
IntFor	Delivery	Equipment and material delivery	7/1/2024	7/11/2029	1,300

Phase	Feature	Description	Start	End	Days
Intakes	Delivery	Equipment and material delivery	<del>11/1/2020</del> 1/1/2021	<del>8/5/2029</del> 7/5/2028	<del>2285</del> 2,016
Tpower69-I2	Delivery	Equipment and material delivery (intake 2)	9/1/2023	11/28/2024	325
Tpower69-I3	Delivery	Equipment and material delivery (intake 3)	7/1/2019	9/25/2020	325
Tpower69-I5	Delivery	Equipment and material delivery (intake 5)	1/1/2022	3/30/2023	325
Tpower230-IF	Delivery	Equipment and material delivery (IF)	9/1/2017	8/29/2019	520
Tpower230-R5	Delivery	Equipment and material delivery (reach 5)	8/1/2018	10/29/2019	325
Tpower230-R6	Delivery	Equipment and material delivery (reach 6)	8/1/2018	10/29/2019	325
Tpower230-R7	Delivery	Equipment and material delivery (reach 7)	8/1/2017	10/29/2018	325
Ppower-CCF	Delivery	Equipment and material delivery (CCF)	1/1/2027	6/30/2027	128
51020	Bridges <sup>b</sup>	Mobilization	1/7/2019	1/13/2019	4
51030	Bridges <sup>b</sup>	Contractors Site Staff	1/7/2019	9/28/2019	152
51050	Bridges <sup>b</sup>	Temporary Facilities	1/10/2019	1/31/2019	12
51060	Bridges <sup>b</sup>	Batch Plant Operation	2/4/2019	8/25/2019	116
51070	Bridges <sup>b</sup>	Temp Facility Operation	2/4/2019	9/28/2019	136
51110	Bridges <sup>b</sup>	Bridge Structural Exc & Foundation Piles	1/31/2019	3/13/2019	24
51120	Bridges <sup>b</sup>	Bridge Substructure Concrete	3/4/2019	3/24/2019	12
51130	Bridges <sup>b</sup>	Bridge Superstructure Concrete	3/25/2019	8/25/2019	88
51131	Bridges <sup>b</sup>	Bridge Embankment, Paving, & Finish	8/5/2019	9/28/2019	32
Feature	Bridges <sup>b</sup>	Routine supply delivery for duration of const.	1/7/2019	9/28/2019	0
20015	Canals <sup>b</sup>	Contractor Mobilization	9/17/2018	12/23/2018	56
20020	Canals <sup>b</sup>	Contractor Site Staff	9/17/2018	6/7/2023	1,230
20030	Canals <sup>b</sup>	Build Temporary Facilities	9/20/2018	8/13/2019	188
20035	Canals <sup>b</sup>	Temporary Facility Operations	12/1/2018	6/7/2023	1,180
20040	Canals <sup>b</sup>	Batch Plant Operations	7/28/2020	1/19/2023	516
20050	Canals <sup>b</sup>	Construct Temporary Haul Roads	1/30/2019	3/2/2022	644
20110	Canals <sup>b</sup>	Clear and Grub	4/12/2019	6/17/2022	664
20120	Canals <sup>b</sup>	Overexcavate & Replace Under Embankment	4/24/2019	9/15/2022	885
20130	Canals <sup>b</sup>	Canal on-ROW Excavation	5/12/2019	10/15/2022	895
20150	Canals <sup>b</sup>	Canal Embankment placed from imported Borrow	6/23/2019	12/14/2022	728
20170	Canals <sup>b</sup>	Slurry Cut-Off Wall	6/23/2019	11/14/2022	708
20210	Canals <sup>b</sup>	Permanent Roads Along Canal ROW	7/28/2020	1/19/2023	516
20220	Canals <sup>b</sup>	Drainage & Irrigation Ditches Along Canal ROW	7/28/2020	1/19/2023	516
20230	Canals <sup>b</sup>	Canal SWPPP	10/26/2018	1/25/2023	888
20300	Canals <sup>b</sup>	Canal Finish-out	1/24/2022	6/6/2023	284
Feature	Canals <sup>b</sup>	Routine supply delivery for duration of const.	9/17/2018	6/7/2023	1,234
9002	Dredge <sup>b</sup>	MOBILIZATION	1/1/2018	1/14/2018	8

Phase	Feature	Description	Start	End	Days
9003	Dredge <sup>b</sup>	CONTRACTOR MANAGEMENT	1/1/2018	7/11/2021	920
9004	Dredge <sup>b</sup>	ACCESS CONSTRUCTION	1/14/2018	2/24/2018	24
9005	Dredge <sup>b</sup>	TEMPORARY FACILITIES	2/1/2018	3/17/2018	24
9006	Dredge <sup>b</sup>	OPERATE TEMP FACILITIES	1/14/2018	7/11/2021	910
9007	Dredge <sup>b</sup>	PREPARE DREDGE MUCK AREA	3/19/2018	8/30/2018	96
9008	Dredge <sup>b</sup>	DREDGING	8/30/2018	1/13/2021	620
9009	Dredge <sup>b</sup>	DRESS & CLEAN-UP DREDGE MUCK PILE	1/14/2021	7/11/2021	104
Feature	Dredge <sup>b</sup>	Routine supply delivery for duration of const.	1/1/2018	7/11/2021	920
11111	Head of Old River Barrier <sup>b</sup>	Phase 1	1/1/2022	2/10/2023	290
11112	Head of Old River Barrier <sup>b</sup>	Phase 2	11/1/2022	4/30/2024	390
11113	Head of Old River Barrier <sup>b</sup>	Phase 3	12/1/2023	5/17/2024	120
Feature	Head of Old River Barrier <sup>b</sup>	Routine supply delivery for duration of const.	1/1/2022	5/17/2024	619
6020	Pipelines <sup>b</sup>	Mobilization	1/4/2021	2/16/2021	24
6030	Pipelines <sup>b</sup>	Contractors Mngt Staff	1/4/2021	3/13/2025	846
6040	Pipelines <sup>b</sup>	Access Construction	1/23/2021	4/15/2021	48
6050	Pipelines <sup>b</sup>	Erect Temporary Facilities	4/16/2021	1/23/2022	160
6060	Pipelines <sup>b</sup>	Batch Plant Operations	1/26/2022	12/27/2024	608
6070	Pipelines <sup>b</sup>	Temp. Facilities Operations	3/3/2021	3/13/2025	840
6110	Pipelines <sup>b</sup>	16 Ft Dia Pipeline Construction	7/13/2023	4/5/2024	152
6120	Pipelines <sup>b</sup>	23 Ft Dia Intake 1 Pipeline & Manifold	3/16/2023	7/12/2023	68
6130	Pipelines <sup>b</sup>	Transitions from Intake 2 & 3 into Pipeline	1/26/2022	12/5/2022	180
6140	Pipelines <sup>b</sup>	Trans from Pipelines 2 & 3 into Tunnel	4/6/2024	3/9/2025	192
6150	Pipelines <sup>b</sup>	Transitions from Intakes 4 & 5 into Pipelines	12/5/2022	7/20/2023	132
6160	Pipelines <sup>b</sup>	Transitions from Pipelines 4 & 5 into Int. Forebay	7/22/2023	12/27/2024	300
Feature	Pipelines <sup>b</sup>	Routine supply delivery for duration of const.	1/4/2021	3/13/2025	873
10045	Intermediate Pump Plant <sup>b</sup>	Contractor's Site Staff	1/2/2018	9/9/2021	960
10030	Intermediate Pump Plant <sup>b</sup>	Mobilization	1/2/2018	1/20/2018	12
10060	Intermediate Pump Plant <sup>b</sup>	Erect Temporary Facilities	1/10/2018	5/7/2018	68
10065	Intermediate Pump Plant <sup>b</sup>	Temp Facility Operations	2/24/2018	9/9/2021	925
10085	Intermediate Pump Plant <sup>b</sup>	Batch Plant Operations	5/7/2018	2/20/2021	584
10105	Intermediate Pump Plant <sup>b</sup>	Initial Site Work	1/2/2018	1/13/2018	8
10110	Intermediate Pump Plant <sup>b</sup>	Final Site Work	1/25/2021	9/9/2021	132
10115	Intermediate Pump Plant <sup>b</sup>	Excavate for Structures	1/13/2018	4/20/2018	70

Phase	Feature	Description	Start	End	Days
10120	Intermediate Pump Plant <sup>b</sup>	Pile Foundation	4/20/2018	11/29/2018	160
10130	Intermediate Pump Plant <sup>b</sup>	Plant Concrete	10/15/2018	8/30/2020	384
10135	Intermediate Pump Plant <sup>b</sup>	Plant Steel Frame Bldg	8/25/2020	2/15/2021	100
10140	Intermediate Pump Plant <sup>b</sup>	Plant Piping	8/25/2020	2/22/2021	104
10145	Intermediate Pump Plant <sup>b</sup>	Pumps, Valves & Operators	5/6/2021	1/17/2022	148
10150	Intermediate Pump Plant <sup>b</sup>	Flow Meter Vaults	9/17/2020	2/20/2021	88
10155	Intermediate Pump Plant <sup>b</sup>	Plant MEP	12/28/2020	5/6/2021	76
10160	Intermediate Pump Plant <sup>b</sup>	Finish Out	5/6/2021	8/22/2021	64
10170	Intermediate Pump Plant <sup>b</sup>	Substation	1/12/2021	5/6/2021	64
10200	Intermediate Pump Plant <sup>b</sup>	Afterbay (East Option Only)	9/16/2020	3/5/2021	96
10300	Intermediate Pump Plant <sup>b</sup>	Bypass (ATO Option Only)	1/6/2019	8/7/2021	540
10350	Intermediate Pump Plant <sup>b</sup>	DS Manifold & Surge Tower (ATO Option Only)	9/2/2027	11/22/2028	256
Feature	Intermediate Pump Plant <sup>b</sup>	Routine supply delivery for duration of const.	1/2/2018	11/22/2028	1,230
1045	Pump Plants <sup>b</sup>	MANAGEMENT & ADMIN	3/12/2024	5/28/2028	1,100
1065	Pump Plants <sup>b</sup>	TEMP FACILITIES OPS	3/12/2024	5/28/2028	1,100
1085	Pump Plants <sup>b</sup>	BATCH PLANT OPS	4/16/2024	3/27/2028	824
2605	Pump Plants <sup>b</sup>	PUMP PLANT 2 INNITIAL SITE WORK	1/12/2024	2/7/2024	20
2610	Pump Plants <sup>b</sup>	FINAL PUMP PLANT 2 SITE WORK	2/27/2028	5/28/2028	65
2615	Pump Plants <sup>b</sup>	PUMP PLANT 2 GROUND IMPROVEMENTS	2/3/2024	4/17/2024	55
2620	Pump Plants <sup>b</sup>	EXCAVATE FOR PUMP PLANT 2 STRUCTURES	7/10/2026	8/2/2026	12
2630	Pump Plants <sup>b</sup>	PUMP PLANT 2 PILES	8/3/2026	9/2/2026	16
2635	Pump Plants <sup>b</sup>	PUMP PLANT 2 CONCRETE	9/2/2026	5/5/2027	140
2640	Pump Plants <sup>b</sup>	INSTALL PLANT 2 PUMPS & VALVES	6/27/2027	11/12/2027	80
2645	Pump Plants <sup>b</sup>	PUMP PLANT 2 MEP	7/28/2027	12/6/2027	76
2650	Pump Plants <sup>b</sup>	CRANES, STOPLOGS & TRASHRACKS	5/7/2027	10/22/2027	96
2655	Pump Plants <sup>b</sup>	PUMP PLANT 2 STEEL FRAME BUILDING	5/7/2027	6/27/2027	27
2665	Pump Plants <sup>b</sup>	PUMP PLANT 2 DISCHARGE PIPING	9/2/2026	3/5/2027	104
2670	Pump Plants <sup>b</sup>	PUMP PLANT 2 CONCRETE ENCASED HEADER	3/5/2027	10/1/2027	120
2675	Pump Plants <sup>b</sup>	PIPE FROM PUMP PLANT 2 HEADER TO TUNNEL	10/1/2027	12/10/2027	40
2680	Pump Plants <sup>b</sup>	PUMP PLANT 2 SURGE TOWER	8/27/2027	3/7/2028	112
2685	Pump Plants <sup>b</sup>	PUMP PLANT 2 SUBSTATION	9/19/2028	11/19/2028	36
3605	Pump Plants <sup>b</sup>	PUMP PLANT 3 INNITIAL SITE WORK	1/31/2023	2/26/2023	20
3610	Pump Plants <sup>b</sup>	FINAL PUMP PLANT 3 SITE WORK	10/6/2025	1/5/2026	65

Phase	Feature	Description	Start	End	Days
3615	Pump Plants <sup>b</sup>	GROUND IMPROVEMENTS	3/18/2023	6/2/2023	55
3620	Pump Plants <sup>b</sup>	EXCAVATE FOR PUMP PLANT 3 STRUCTURES	3/17/2024	4/7/2024	12
3630	Pump Plants <sup>b</sup>	PUMP PLANT 3 PILES	4/16/2024	5/15/2024	16
3635	Pump Plants <sup>b</sup>	PUMP PLANT 3 CONCRETE	5/8/2024	1/8/2025	140
3640	Pump Plants <sup>b</sup>	INSTALL PLANT3 PUMPS & VALVES	3/2/2025	7/18/2025	80
3645	Pump Plants <sup>b</sup>	PUMP PLANT 3 MEP	4/18/2025	8/11/2025	68
3650	Pump Plants <sup>b</sup>	CRANES, STOPLOGS & TRASHRACKS	1/10/2025	6/27/2025	96
3655	Pump Plants <sup>b</sup>	PUMP PLANT 3 STEEL FRAME BUILDING	1/10/2025	3/2/2025	27
3665	Pump Plants <sup>b</sup>	PUMP PLANT 3 DISCHARGE PIPING	4/11/2024	10/12/2024	104
3670	Pump Plants <sup>b</sup>	PUMP PLANT 3 CONCRETE ENCASED HEADER	10/12/2024	5/10/2025	120
3675	Pump Plants <sup>b</sup>	PIPE FROM PUMP PLANT 3 HEADER TO TUNNEL	5/10/2025	7/19/2025	40
3680	Pump Plants <sup>b</sup>	PUMP PLANT 3 SURGE TOWER	4/5/2025	10/15/2025	112
3685	Pump Plants <sup>b</sup>	PUMP PLANT 3 SUBSTATION	4/27/2026	7/19/2026	48
5605	Pump Plants <sup>b</sup>	PUMP PLANT 5 INNIAL SITE WORK	7/19/2023	8/19/2023	25
5610	Pump Plants <sup>b</sup>	FINAL PUMP PLANT 5 SITE WORK	3/17/2027	6/16/2027	65
5615	Pump Plants <sup>b</sup>	GROUND IMPROVEMENTS	8/6/2023	10/20/2023	55
5620	Pump Plants <sup>b</sup>	EXCAVATE FOR PUMP PLANT 5 STRUCTURES	8/31/2025	9/21/2025	12
5630	Pump Plants <sup>b</sup>	PUMP PLANT 5 PILES	9/30/2025	10/29/2025	16
5635	Pump Plants <sup>b</sup>	PUMP PLANT 5 CONCRETE	10/2/2025	6/4/2026	140
5640	Pump Plants <sup>b</sup>	INSTALL PLANT 5 PUMPS & VALVES	7/27/2026	12/12/2026	80
5645	Pump Plants <sup>b</sup>	PUMP PLANT 5 MEP	10/28/2026	2/2/2027	56
5650	Pump Plants <sup>b</sup>	CRANES, STOPLOGS & TRASHRACKS	6/6/2026	11/21/2026	96
5655	Pump Plants <sup>b</sup>	PUMP PLANT 5 STEEL FRAME BUILDING	6/6/2026	7/27/2026	28
5665	Pump Plants <sup>b</sup>	PUMP PLANT 5 DISCHARGE PIPING	9/23/2025	3/23/2026	104
5670	Pump Plants <sup>b</sup>	PUMP PLANT 5 CONCRETE ENCASED HEADER	3/23/2026	10/19/2026	120
5675	Pump Plants <sup>b</sup>	PIPE FROM PUMP PLANT 5 HEADER TO TUNNEL	10/19/2026	12/28/2026	40
5680	Pump Plants <sup>b</sup>	PUMP PLANT 5 SURGE TOWER	9/14/2026	3/26/2027	112
5685	Pump Plants <sup>b</sup>	PUMP PLANT 5 SUBSTATION	1/7/2028	3/30/2028	48
Feature	Pump Plants <sup>b</sup>	Routine supply delivery for duration of const.	1/31/2023	11/19/2028	1,155
89020	Siphons <sup>b</sup>	Mobilizaton	11/12/2022	12/6/2022	16
89030	Siphons <sup>b</sup>	Contractors Mngt Staff	11/12/2022	12/8/2024	540
89040	Siphons <sup>b</sup>	Access Construction	11/26/2022	12/6/2022	8
89050	Siphons <sup>b</sup>	Temporary Facilities	12/7/2022	1/4/2023	16
89060	Siphons <sup>b</sup>	Batch Plant Operation	5/31/2023	10/18/2024	288
89070	Siphons <sup>b</sup>	Temporary Facility Operation	11/28/2022	12/8/2024	530
89111	Siphons <sup>b</sup>	NCCF Siphon Dewater & Drive Sheet Pile, Phase 1	1/2/2023	3/26/2023	60
89112	Siphons <sup>b</sup>	NCCF Siphon Exc & Drive Foundation Pile, Phase 1	3/27/2023	10/4/2023	135
89120	Siphons <sup>b</sup>	NCCF Siphon Concrete, Phase 1	5/31/2023	1/12/2024	128

Phase	Feature	Description	Start	End	Days
89130	Siphons <sup>b</sup>	NCCF Siphon Backfill, Gates, & Cont Bldg, Ph 1	9/18/2023	2/5/2024	80
89141	Siphons <sup>b</sup>	NCCF Siphon Dewater & Sheet Pile, Phase 2	11/13/2023	2/4/2024	60
89142	Siphons <sup>b</sup>	NCCF Exc & Drive Foundation Pile, Phase 2	1/14/2024	7/9/2024	125
89150	Siphons <sup>b</sup>	NCCF Siphon Concrete, Phase 2	3/5/2024	10/18/2024	132
89160	Siphons <sup>b</sup>	NCCF Siphon Backfill & Stoplogs, Phase 2	7/1/2024	12/8/2024	92
Feature	Siphons <sup>b</sup>	Routine supply delivery for duration of const.	11/12/2022	12/8/2024	541

<sup>a</sup> Geotechnical explorations would only be conducted for Alternative 4.

<sup>b</sup> Feature would only be constructed under certain alternatives.

1

1 **Table 22B-2. Heavy-Duty Equipment Inventory**

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8004	Clifton Court Forebay	Cranes	1	0	240	0.29	Diesel
8004	Clifton Court Forebay	Cranes	1	0	335	0.29	Diesel
8004	Clifton Court Forebay	Crawler Tractors	1	0	70	0.43	Diesel
8004	Clifton Court Forebay	Crawler Tractors	1	1	145	0.43	Diesel
8004	Clifton Court Forebay	Crawler Tractors	1	1	410	0.43	Diesel
8004	Clifton Court Forebay	Excavators	1	0	315	0.38	Diesel
8004	Clifton Court Forebay	Generator Sets	1	3	12	0.74	Diesel
8004	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8004	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8004	Clifton Court Forebay	Off-Highway Trucks	1	0	452	0.38	Diesel
8004	Clifton Court Forebay	Pavers	1	0	224	0.42	Diesel
8004	Clifton Court Forebay	Pumps	1	0	16	0.74	Diesel
8004	Clifton Court Forebay	Rollers	1	0	110	0.38	Diesel
8004	Clifton Court Forebay	Rollers	1	0	131	0.38	Diesel
8004	Clifton Court Forebay	Rollers	1	1	240	0.38	Diesel
8004	Clifton Court Forebay	Rollers	1	0	150	0.38	Diesel
8004	Clifton Court Forebay	Rollers	1	0	18	0.38	Diesel
8004	Clifton Court Forebay	Rubber Tired Loaders	1	0	211	0.36	Diesel
8004	Clifton Court Forebay	Scrapers	1	0	175	0.48	Diesel
8004	Clifton Court Forebay	Scrapers	1	2	450	0.48	Diesel
8004	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel
8004	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
8005	Clifton Court Forebay	Air Compressors	1	5	80	0.48	Diesel
8005	Clifton Court Forebay	Cranes	1	0	160	0.29	Diesel
8005	Clifton Court Forebay	Cranes	1	1	240	0.29	Diesel
8005	Clifton Court Forebay	Cranes	1	2	275	0.29	Diesel
8005	Clifton Court Forebay	Cranes	1	3	66	0.29	Diesel
8005	Clifton Court Forebay	Crawler Tractors	1	0	70	0.43	Diesel
8005	Clifton Court Forebay	Crawler Tractors	1	0	145	0.43	Diesel
8005	Clifton Court Forebay	Generator Sets	1	1	107	0.74	Diesel
8005	Clifton Court Forebay	Graders	1	0	215	0.41	Diesel
8005	Clifton Court Forebay	Off-Highway Trucks	1	1	375	0.38	Diesel
8005	Clifton Court Forebay	Plate Compactors	1	1	8	0.43	Diesel
8005	Clifton Court Forebay	Pumps	1	0	16	0.74	Diesel
8005	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8005	Clifton Court Forebay	Rubber Tired Loaders	1	2	197	0.36	Diesel
8005	Clifton Court Forebay	Scrapers	1	0	175	0.48	Diesel
8005	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
8005	Clifton Court Forebay	Welders	1	1	48	0.45	Diesel
8006	Clifton Court Forebay	Crawler Tractors	2	5	24	0.43	Diesel
8006	Clifton Court Forebay	Generator Sets	2	5	713	0.74	Diesel
8006	Clifton Court Forebay	Rubber Tired Loaders	2	5	211	0.36	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8006	Clifton Court Forebay	Welders	2	5	48	0.45	Diesel
8007	Clifton Court Forebay	Graders	1	2	158	0.41	Diesel
8007	Clifton Court Forebay	Rollers	1	2	150	0.38	Diesel
8007	Clifton Court Forebay	Tractors/Loaders/Backhoes	2	7	87	0.37	Diesel
8010	Clifton Court Forebay	Air Compressors	1	5	115	0.48	Diesel
8010	Clifton Court Forebay	Bore/Drill Rigs	1	11	206	0.5	Diesel
8010	Clifton Court Forebay	Cranes	1	5	240	0.29	Diesel
8010	Clifton Court Forebay	Cranes	1	7	275	0.29	Diesel
8010	Clifton Court Forebay	Cranes	1	5	335	0.29	Diesel
8010	Clifton Court Forebay	Cranes	1	5	66	0.29	Diesel
8010	Clifton Court Forebay	Crawler Tractors	1	1	70	0.43	Diesel
8010	Clifton Court Forebay	Crawler Tractors	2	19	145	0.43	Diesel
8010	Clifton Court Forebay	Crawler Tractors	1	4	410	0.43	Diesel
8010	Clifton Court Forebay	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
8010	Clifton Court Forebay	Excavators	1	0	128	0.38	Diesel
8010	Clifton Court Forebay	Excavators	1	18	523	0.38	Diesel
8010	Clifton Court Forebay	Excavators	1	3	163	0.38	Diesel
8010	Clifton Court Forebay	Excavators	1	1	315	0.38	Diesel
8010	Clifton Court Forebay	Excavators	1	1	384	0.38	Diesel
8010	Clifton Court Forebay	Gas Pump	1	4	2	0.69	Gasoline
8010	Clifton Court Forebay	Generator Sets	3	15	12	0.74	Diesel
8010	Clifton Court Forebay	Generator Sets	1	5	23	0.74	Diesel
8010	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8010	Clifton Court Forebay	Graders	1	13	215	0.41	Diesel
8010	Clifton Court Forebay	Off-Highway Trucks	2	14	375	0.38	Diesel
8010	Clifton Court Forebay	Off-Highway Trucks	1	11	452	0.38	Diesel
8010	Clifton Court Forebay	Off-Highway Trucks	2	13	650	0.38	Diesel
8010	Clifton Court Forebay	Other construction equipment	1	5	325	0.42	Diesel
8010	Clifton Court Forebay	Pumps	1	2	16	0.74	Diesel
8010	Clifton Court Forebay	Pumps	1	8	60	0.74	Diesel
8010	Clifton Court Forebay	Rollers	1	0	240	0.38	Diesel
8010	Clifton Court Forebay	Rollers	1	9	315	0.38	Diesel
8010	Clifton Court Forebay	Rollers	1	2	150	0.38	Diesel
8010	Clifton Court Forebay	Rubber Tired Loaders	1	7	160	0.36	Diesel
8010	Clifton Court Forebay	Rubber Tired Loaders	1	2	250	0.36	Diesel
8010	Clifton Court Forebay	Rubber Tired Loaders	1	2	501	0.36	Diesel
8010	Clifton Court Forebay	Rubber Tired Loaders	1	1	145	0.36	Diesel
8010	Clifton Court Forebay	Scrapers	1	12	450	0.48	Diesel
8010	Clifton Court Forebay	Scrapers	1	3	500	0.48	Diesel
8010	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	7	101	0.37	Diesel
8010	Clifton Court Forebay	Welders	1	5	48	0.45	Diesel
8012	Clifton Court Forebay	Air Compressors	1	5	115	0.48	Diesel
8012	Clifton Court Forebay	Bore/Drill Rigs	1	11	206	0.5	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8012	Clifton Court Forebay	Cranes	1	5	240	0.29	Diesel
8012	Clifton Court Forebay	Cranes	1	7	275	0.29	Diesel
8012	Clifton Court Forebay	Cranes	1	5	335	0.29	Diesel
8012	Clifton Court Forebay	Cranes	1	5	66	0.29	Diesel
8012	Clifton Court Forebay	Crawler Tractors	1	2	70	0.43	Diesel
8012	Clifton Court Forebay	Crawler Tractors	2	19	145	0.43	Diesel
8012	Clifton Court Forebay	Crawler Tractors	1	4	410	0.43	Diesel
8012	Clifton Court Forebay	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
8012	Clifton Court Forebay	Excavators	1	0	128	0.38	Diesel
8012	Clifton Court Forebay	Excavators	1	18	523	0.38	Diesel
8012	Clifton Court Forebay	Excavators	1	3	163	0.38	Diesel
8012	Clifton Court Forebay	Excavators	1	1	315	0.38	Diesel
8012	Clifton Court Forebay	Excavators	1	1	384	0.38	Diesel
8012	Clifton Court Forebay	Gas Pump	1	6	2	0.69	Gasoline
8012	Clifton Court Forebay	Generator Sets	3	15	12	0.74	Diesel
8012	Clifton Court Forebay	Generator Sets	1	5	23	0.74	Diesel
8012	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8012	Clifton Court Forebay	Graders	1	13	215	0.41	Diesel
8012	Clifton Court Forebay	Off-Highway Trucks	2	13	375	0.38	Diesel
8012	Clifton Court Forebay	Off-Highway Trucks	1	11	452	0.38	Diesel
8012	Clifton Court Forebay	Off-Highway Trucks	2	13	650	0.38	Diesel
8012	Clifton Court Forebay	Other construction equipment	1	5	325	0.42	Diesel
8012	Clifton Court Forebay	Pumps	1	2	16	0.74	Diesel
8012	Clifton Court Forebay	Pumps	1	8	60	0.74	Diesel
8012	Clifton Court Forebay	Rollers	1	0	240	0.38	Diesel
8012	Clifton Court Forebay	Rollers	1	9	315	0.38	Diesel
8012	Clifton Court Forebay	Rollers	1	2	150	0.38	Diesel
8012	Clifton Court Forebay	Rubber Tired Loaders	1	7	160	0.36	Diesel
8012	Clifton Court Forebay	Rubber Tired Loaders	1	2	250	0.36	Diesel
8012	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8012	Clifton Court Forebay	Rubber Tired Loaders	1	1	145	0.36	Diesel
8012	Clifton Court Forebay	Scrapers	1	12	450	0.48	Diesel
8012	Clifton Court Forebay	Scrapers	1	3	500	0.48	Diesel
8012	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	7	101	0.37	Diesel
8012	Clifton Court Forebay	Welders	1	5	48	0.45	Diesel
8015	Clifton Court Forebay	Air Compressors	1	4	115	0.48	Diesel
8015	Clifton Court Forebay	Bore/Drill Rigs	1	10	206	0.5	Diesel
8015	Clifton Court Forebay	Cranes	1	7	240	0.29	Diesel
8015	Clifton Court Forebay	Cranes	1	6	275	0.29	Diesel
8015	Clifton Court Forebay	Cranes	1	7	335	0.29	Diesel
8015	Clifton Court Forebay	Cranes	1	4	66	0.29	Diesel
8015	Clifton Court Forebay	Crawler Tractors	1	1	70	0.43	Diesel
8015	Clifton Court Forebay	Crawler Tractors	2	16	145	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8015	Clifton Court Forebay	Crawler Tractors	1	3	410	0.43	Diesel
8015	Clifton Court Forebay	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
8015	Clifton Court Forebay	Excavators	1	0	128	0.38	Diesel
8015	Clifton Court Forebay	Excavators	1	16	523	0.38	Diesel
8015	Clifton Court Forebay	Excavators	1	3	163	0.38	Diesel
8015	Clifton Court Forebay	Excavators	1	0	315	0.38	Diesel
8015	Clifton Court Forebay	Excavators	1	1	384	0.38	Diesel
8015	Clifton Court Forebay	Generator Sets	2	20	12	0.74	Diesel
8015	Clifton Court Forebay	Generator Sets	1	4	23	0.74	Diesel
8015	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8015	Clifton Court Forebay	Graders	1	11	215	0.41	Diesel
8015	Clifton Court Forebay	Off-Highway Trucks	2	12	375	0.38	Diesel
8015	Clifton Court Forebay	Off-Highway Trucks	1	9	452	0.38	Diesel
8015	Clifton Court Forebay	Off-Highway Trucks	2	12	650	0.38	Diesel
8015	Clifton Court Forebay	Other construction equipment	1	4	325	0.42	Diesel
8015	Clifton Court Forebay	Pumps	1	2	16	0.74	Diesel
8015	Clifton Court Forebay	Pumps	1	7	60	0.74	Diesel
8015	Clifton Court Forebay	Rollers	1	0	240	0.38	Diesel
8015	Clifton Court Forebay	Rollers	1	8	315	0.38	Diesel
8015	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8015	Clifton Court Forebay	Rubber Tired Loaders	1	6	160	0.36	Diesel
8015	Clifton Court Forebay	Rubber Tired Loaders	1	2	250	0.36	Diesel
8015	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8015	Clifton Court Forebay	Scrapers	1	11	450	0.48	Diesel
8015	Clifton Court Forebay	Scrapers	1	3	500	0.48	Diesel
8015	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	6	101	0.37	Diesel
8015	Clifton Court Forebay	Welders	1	4	48	0.45	Diesel
8025	Clifton Court Forebay	Cranes	1	16	800	0.29	Diesel
8025	Clifton Court Forebay	Crawler Tractors	1	1	24	0.43	Diesel
8025	Clifton Court Forebay	Crawler Tractors	1	1	70	0.43	Diesel
8025	Clifton Court Forebay	Crawler Tractors	1	5	145	0.43	Diesel
8025	Clifton Court Forebay	Crawler Tractors	1	16	310	0.43	Diesel
8025	Clifton Court Forebay	Crawler Tractors	1	2	410	0.43	Diesel
8025	Clifton Court Forebay	Excavators	1	1	523	0.38	Diesel
8025	Clifton Court Forebay	Excavators	1	0	384	0.38	Diesel
8025	Clifton Court Forebay	Gas Pump	1	4	2	0.69	Gasoline
8025	Clifton Court Forebay	Generator Sets	1	5	12	0.74	Diesel
8025	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8025	Clifton Court Forebay	Graders	1	2	215	0.41	Diesel
8025	Clifton Court Forebay	Off-Highway Trucks	1	0	452	0.38	Diesel
8025	Clifton Court Forebay	Off-Highway Trucks	1	3	650	0.38	Diesel
8025	Clifton Court Forebay	Pumps	1	0	16	0.74	Diesel
8025	Clifton Court Forebay	Rollers	1	1	240	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8025	Clifton Court Forebay	Rollers	1	1	315	0.38	Diesel
8025	Clifton Court Forebay	Rollers	1	0	150	0.38	Diesel
8025	Clifton Court Forebay	Rubber Tired Loaders	1	0	145	0.36	Diesel
8025	Clifton Court Forebay	Scrapers	1	9	450	0.48	Diesel
8025	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel
8025	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
8030	Clifton Court Forebay	Air Compressors	1	11	115	0.48	Diesel
8030	Clifton Court Forebay	Bore/Drill Rigs	2	12	206	0.5	Diesel
8030	Clifton Court Forebay	Cranes	1	11	240	0.29	Diesel
8030	Clifton Court Forebay	Cranes	1	8	275	0.29	Diesel
8030	Clifton Court Forebay	Cranes	1	11	335	0.29	Diesel
8030	Clifton Court Forebay	Cranes	1	11	66	0.29	Diesel
8030	Clifton Court Forebay	Crawler Tractors	1	1	70	0.43	Diesel
8030	Clifton Court Forebay	Crawler Tractors	3	18	145	0.43	Diesel
8030	Clifton Court Forebay	Crawler Tractors	1	6	410	0.43	Diesel
8030	Clifton Court Forebay	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
8030	Clifton Court Forebay	Excavators	1	0	128	0.38	Diesel
8030	Clifton Court Forebay	Excavators	2	13	523	0.38	Diesel
8030	Clifton Court Forebay	Excavators	1	6	163	0.38	Diesel
8030	Clifton Court Forebay	Excavators	1	1	315	0.38	Diesel
8030	Clifton Court Forebay	Excavators	1	2	384	0.38	Diesel
8030	Clifton Court Forebay	Generator Sets	4	17	12	0.74	Diesel
8030	Clifton Court Forebay	Generator Sets	1	11	23	0.74	Diesel
8030	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8030	Clifton Court Forebay	Graders	1	18	215	0.41	Diesel
8030	Clifton Court Forebay	Off-Highway Trucks	2	15	375	0.38	Diesel
8030	Clifton Court Forebay	Off-Highway Trucks	1	19	452	0.38	Diesel
8030	Clifton Court Forebay	Off-Highway Trucks	3	14	650	0.38	Diesel
8030	Clifton Court Forebay	Other construction equipment	1	11	325	0.42	Diesel
8030	Clifton Court Forebay	Pumps	1	3	16	0.74	Diesel
8030	Clifton Court Forebay	Pumps	1	9	60	0.74	Diesel
8030	Clifton Court Forebay	Rollers	1	0	240	0.38	Diesel
8030	Clifton Court Forebay	Rollers	1	14	315	0.38	Diesel
8030	Clifton Court Forebay	Rollers	1	2	150	0.38	Diesel
8030	Clifton Court Forebay	Rubber Tired Loaders	1	8	160	0.36	Diesel
8030	Clifton Court Forebay	Rubber Tired Loaders	1	5	250	0.36	Diesel
8030	Clifton Court Forebay	Rubber Tired Loaders	1	2	501	0.36	Diesel
8030	Clifton Court Forebay	Scrapers	1	19	450	0.48	Diesel
8030	Clifton Court Forebay	Scrapers	1	4	500	0.48	Diesel
8030	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	8	101	0.37	Diesel
8030	Clifton Court Forebay	Welders	1	11	48	0.45	Diesel
8040	Clifton Court Forebay	Air Compressors	1	6	115	0.48	Diesel
8040	Clifton Court Forebay	Bore/Drill Rigs	1	15	206	0.5	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8040	Clifton Court Forebay	Cranes	1	6	240	0.29	Diesel
8040	Clifton Court Forebay	Cranes	1	9	275	0.29	Diesel
8040	Clifton Court Forebay	Cranes	1	6	335	0.29	Diesel
8040	Clifton Court Forebay	Cranes	1	6	66	0.29	Diesel
8040	Clifton Court Forebay	Crawler Tractors	1	2	70	0.43	Diesel
8040	Clifton Court Forebay	Crawler Tractors	4	16	145	0.43	Diesel
8040	Clifton Court Forebay	Crawler Tractors	1	7	410	0.43	Diesel
8040	Clifton Court Forebay	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
8040	Clifton Court Forebay	Excavators	1	0	128	0.38	Diesel
8040	Clifton Court Forebay	Excavators	2	14	523	0.38	Diesel
8040	Clifton Court Forebay	Excavators	1	4	163	0.38	Diesel
8040	Clifton Court Forebay	Excavators	1	1	315	0.38	Diesel
8040	Clifton Court Forebay	Excavators	1	3	384	0.38	Diesel
8040	Clifton Court Forebay	Generator Sets	4	20	12	0.74	Diesel
8040	Clifton Court Forebay	Generator Sets	1	6	23	0.74	Diesel
8040	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8040	Clifton Court Forebay	Graders	2	10	215	0.41	Diesel
8040	Clifton Court Forebay	Off-Highway Trucks	2	18	375	0.38	Diesel
8040	Clifton Court Forebay	Off-Highway Trucks	1	15	452	0.38	Diesel
8040	Clifton Court Forebay	Off-Highway Trucks	3	16	650	0.38	Diesel
8040	Clifton Court Forebay	Other construction equipment	1	6	325	0.42	Diesel
8040	Clifton Court Forebay	Pumps	1	4	16	0.74	Diesel
8040	Clifton Court Forebay	Pumps	1	11	60	0.74	Diesel
8040	Clifton Court Forebay	Rollers	1	0	240	0.38	Diesel
8040	Clifton Court Forebay	Rollers	1	16	315	0.38	Diesel
8040	Clifton Court Forebay	Rollers	1	2	150	0.38	Diesel
8040	Clifton Court Forebay	Rubber Tired Loaders	1	9	160	0.36	Diesel
8040	Clifton Court Forebay	Rubber Tired Loaders	1	3	250	0.36	Diesel
8040	Clifton Court Forebay	Rubber Tired Loaders	1	2	501	0.36	Diesel
8040	Clifton Court Forebay	Scrapers	2	11	450	0.48	Diesel
8040	Clifton Court Forebay	Scrapers	1	5	500	0.48	Diesel
8040	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	9	101	0.37	Diesel
8040	Clifton Court Forebay	Welders	1	6	48	0.45	Diesel
8045	Clifton Court Forebay	Air Compressors	1	5	115	0.48	Diesel
8045	Clifton Court Forebay	Bore/Drill Rigs	1	12	206	0.5	Diesel
8045	Clifton Court Forebay	Cranes	1	5	240	0.29	Diesel
8045	Clifton Court Forebay	Cranes	1	7	275	0.29	Diesel
8045	Clifton Court Forebay	Cranes	1	5	335	0.29	Diesel
8045	Clifton Court Forebay	Cranes	1	5	66	0.29	Diesel
8045	Clifton Court Forebay	Crawler Tractors	1	1	70	0.43	Diesel
8045	Clifton Court Forebay	Crawler Tractors	3	17	145	0.43	Diesel
8045	Clifton Court Forebay	Crawler Tractors	1	5	410	0.43	Diesel
8045	Clifton Court Forebay	Crushing/Proc. Equipment	1	0	85	0.78	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8045	Clifton Court Forebay	Excavators	1	0	128	0.38	Diesel
8045	Clifton Court Forebay	Excavators	2	11	523	0.38	Diesel
8045	Clifton Court Forebay	Excavators	1	3	163	0.38	Diesel
8045	Clifton Court Forebay	Excavators	1	1	315	0.38	Diesel
8045	Clifton Court Forebay	Excavators	1	2	384	0.38	Diesel
8045	Clifton Court Forebay	Generator Sets	4	16	12	0.74	Diesel
8045	Clifton Court Forebay	Generator Sets	1	5	23	0.74	Diesel
8045	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8045	Clifton Court Forebay	Graders	1	17	215	0.41	Diesel
8045	Clifton Court Forebay	Off-Highway Trucks	2	14	375	0.38	Diesel
8045	Clifton Court Forebay	Off-Highway Trucks	1	12	452	0.38	Diesel
8045	Clifton Court Forebay	Off-Highway Trucks	2	19	650	0.38	Diesel
8045	Clifton Court Forebay	Other construction equipment	1	5	325	0.42	Diesel
8045	Clifton Court Forebay	Pumps	1	3	16	0.74	Diesel
8045	Clifton Court Forebay	Pumps	1	9	60	0.74	Diesel
8045	Clifton Court Forebay	Rollers	1	0	240	0.38	Diesel
8045	Clifton Court Forebay	Rollers	1	13	315	0.38	Diesel
8045	Clifton Court Forebay	Rollers	1	2	150	0.38	Diesel
8045	Clifton Court Forebay	Rubber Tired Loaders	1	7	160	0.36	Diesel
8045	Clifton Court Forebay	Rubber Tired Loaders	1	3	250	0.36	Diesel
8045	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8045	Clifton Court Forebay	Scrapers	1	18	450	0.48	Diesel
8045	Clifton Court Forebay	Scrapers	1	4	500	0.48	Diesel
8045	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	7	101	0.37	Diesel
8045	Clifton Court Forebay	Welders	1	5	48	0.45	Diesel
8050	Clifton Court Forebay	Cranes	1	7	240	0.29	Diesel
8050	Clifton Court Forebay	Cranes	1	7	335	0.29	Diesel
8050	Clifton Court Forebay	Crawler Tractors	1	0	70	0.43	Diesel
8050	Clifton Court Forebay	Crawler Tractors	1	3	145	0.43	Diesel
8050	Clifton Court Forebay	Crawler Tractors	1	3	410	0.43	Diesel
8050	Clifton Court Forebay	Excavators	1	0	315	0.38	Diesel
8050	Clifton Court Forebay	Generator Sets	2	6	12	0.74	Diesel
8050	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8050	Clifton Court Forebay	Graders	1	3	215	0.41	Diesel
8050	Clifton Court Forebay	Off-Highway Trucks	1	0	452	0.38	Diesel
8050	Clifton Court Forebay	Pavers	1	0	224	0.42	Diesel
8050	Clifton Court Forebay	Pumps	1	1	16	0.74	Diesel
8050	Clifton Court Forebay	Rollers	1	0	110	0.38	Diesel
8050	Clifton Court Forebay	Rollers	1	0	131	0.38	Diesel
8050	Clifton Court Forebay	Rollers	1	3	240	0.38	Diesel
8050	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8050	Clifton Court Forebay	Rollers	1	0	18	0.38	Diesel
8050	Clifton Court Forebay	Rubber Tired Loaders	1	1	211	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8050	Clifton Court Forebay	Scrapers	1	9	450	0.48	Diesel
8050	Clifton Court Forebay	Scrapers	1	2	500	0.48	Diesel
8050	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	1	87	0.37	Diesel
8060	Clifton Court Forebay	Cranes	1	10	240	0.29	Diesel
8060	Clifton Court Forebay	Cranes	1	6	335	0.29	Diesel
8060	Clifton Court Forebay	Crawler Tractors	1	0	70	0.43	Diesel
8060	Clifton Court Forebay	Crawler Tractors	1	5	145	0.43	Diesel
8060	Clifton Court Forebay	Crawler Tractors	1	3	410	0.43	Diesel
8060	Clifton Court Forebay	Excavators	1	0	315	0.38	Diesel
8060	Clifton Court Forebay	Generator Sets	2	6	12	0.74	Diesel
8060	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8060	Clifton Court Forebay	Graders	1	2	215	0.41	Diesel
8060	Clifton Court Forebay	Off-Highway Trucks	1	0	452	0.38	Diesel
8060	Clifton Court Forebay	Pumps	1	0	16	0.74	Diesel
8060	Clifton Court Forebay	Rollers	1	3	240	0.38	Diesel
8060	Clifton Court Forebay	Rollers	1	0	150	0.38	Diesel
8060	Clifton Court Forebay	Rollers	1	0	18	0.38	Diesel
8060	Clifton Court Forebay	Rubber Tired Loaders	1	0	211	0.36	Diesel
8060	Clifton Court Forebay	Scrapers	1	10	450	0.48	Diesel
8060	Clifton Court Forebay	Scrapers	1	2	500	0.48	Diesel
8060	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	4	87	0.37	Diesel
8071	Clifton Court Forebay	Bore/Drill Rigs	1	8	206	0.5	Diesel
8071	Clifton Court Forebay	Cranes	2	6	240	0.29	Diesel
8071	Clifton Court Forebay	Cranes	3	7	335	0.29	Diesel
8071	Clifton Court Forebay	Crawler Tractors	2	9	242	0.43	Diesel
8071	Clifton Court Forebay	Crawler Tractors	1	3	310	0.43	Diesel
8071	Clifton Court Forebay	Excavators	1	0	908	0.38	Diesel
8071	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8071	Clifton Court Forebay	Graders	1	2	350	0.41	Diesel
8071	Clifton Court Forebay	Off-Highway Trucks	1	5	489	0.38	Diesel
8071	Clifton Court Forebay	Off-Highway Trucks	2	5	650	0.38	Diesel
8071	Clifton Court Forebay	Other Construction Equipment	1	7	92	0.42	Diesel
8071	Clifton Court Forebay	Other construction equipment	1	6	325	0.42	Diesel
8071	Clifton Court Forebay	Pumps	1	0	60	0.74	Diesel
8071	Clifton Court Forebay	Rollers	1	0	150	0.38	Diesel
8071	Clifton Court Forebay	Rubber Tired Loaders	1	0	800	0.36	Diesel
8071	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel
8071	Clifton Court Forebay	Welders	1	8	48	0.45	Diesel
8073	Clifton Court Forebay	Air Compressors	1	17	500	0.48	Diesel
8073	Clifton Court Forebay	Air Compressors	1	1	115	0.48	Diesel
8073	Clifton Court Forebay	Cranes	1	1	275	0.29	Diesel
8073	Clifton Court Forebay	Cranes	1	17	365	0.29	Diesel
8073	Clifton Court Forebay	Crawler Tractors	1	1	410	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8073	Clifton Court Forebay	Generator Sets	1	17	143	0.74	Diesel
8073	Clifton Court Forebay	Graders	1	0	215	0.41	Diesel
8073	Clifton Court Forebay	Off-Highway Trucks	1	2	489	0.38	Diesel
8073	Clifton Court Forebay	Other construction equipment	1	1	36	0.42	Diesel
8073	Clifton Court Forebay	Pumps	1	6	210	0.74	Diesel
8073	Clifton Court Forebay	Pumps	1	0	60	0.74	Diesel
8073	Clifton Court Forebay	Rollers	1	1	315	0.38	Diesel
8073	Clifton Court Forebay	Rubber Tired Loaders	1	0	501	0.36	Diesel
8073	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel
8073	Clifton Court Forebay	Welders	2	18	48	0.45	Diesel
8075	Clifton Court Forebay	Crawler Tractors	1	2	410	0.43	Diesel
8075	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8075	Clifton Court Forebay	Off-Highway Trucks	1	5	489	0.38	Diesel
8075	Clifton Court Forebay	Pumps	1	1	60	0.74	Diesel
8075	Clifton Court Forebay	Rollers	1	2	315	0.38	Diesel
8075	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8075	Clifton Court Forebay	Scrapers	1	1	500	0.48	Diesel
8077	Clifton Court Forebay	Bore/Drill Rigs	1	8	206	0.5	Diesel
8077	Clifton Court Forebay	Cranes	1	13	240	0.29	Diesel
8077	Clifton Court Forebay	Cranes	2	10	335	0.29	Diesel
8077	Clifton Court Forebay	Crawler Tractors	1	18	242	0.43	Diesel
8077	Clifton Court Forebay	Crawler Tractors	1	3	310	0.43	Diesel
8077	Clifton Court Forebay	Excavators	1	0	908	0.38	Diesel
8077	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8077	Clifton Court Forebay	Graders	1	2	350	0.41	Diesel
8077	Clifton Court Forebay	Off-Highway Trucks	1	4	489	0.38	Diesel
8077	Clifton Court Forebay	Off-Highway Trucks	1	11	650	0.38	Diesel
8077	Clifton Court Forebay	Other Construction Equipment	1	6	92	0.42	Diesel
8077	Clifton Court Forebay	Other construction equipment	1	6	325	0.42	Diesel
8077	Clifton Court Forebay	Pumps	1	0	60	0.74	Diesel
8077	Clifton Court Forebay	Rollers	1	0	150	0.38	Diesel
8077	Clifton Court Forebay	Rubber Tired Loaders	1	0	800	0.36	Diesel
8077	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel
8077	Clifton Court Forebay	Welders	1	8	48	0.45	Diesel
8079	Clifton Court Forebay	Air Compressors	1	15	500	0.48	Diesel
8079	Clifton Court Forebay	Air Compressors	1	1	115	0.48	Diesel
8079	Clifton Court Forebay	Cranes	1	0	275	0.29	Diesel
8079	Clifton Court Forebay	Cranes	1	15	365	0.29	Diesel
8079	Clifton Court Forebay	Crawler Tractors	1	0	410	0.43	Diesel
8079	Clifton Court Forebay	Generator Sets	1	15	143	0.74	Diesel
8079	Clifton Court Forebay	Graders	1	0	215	0.41	Diesel
8079	Clifton Court Forebay	Off-Highway Trucks	1	1	489	0.38	Diesel
8079	Clifton Court Forebay	Other construction equipment	1	1	36	0.42	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8079	Clifton Court Forebay	Pumps	1	6	210	0.74	Diesel
8079	Clifton Court Forebay	Pumps	1	0	60	0.74	Diesel
8079	Clifton Court Forebay	Rollers	1	0	315	0.38	Diesel
8079	Clifton Court Forebay	Rubber Tired Loaders	1	0	501	0.36	Diesel
8079	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel
8079	Clifton Court Forebay	Welders	2	15	48	0.45	Diesel
8081	Clifton Court Forebay	Crawler Tractors	1	1	410	0.43	Diesel
8081	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8081	Clifton Court Forebay	Off-Highway Trucks	1	3	489	0.38	Diesel
8081	Clifton Court Forebay	Pumps	1	1	60	0.74	Diesel
8081	Clifton Court Forebay	Rollers	1	1	315	0.38	Diesel
8081	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8081	Clifton Court Forebay	Scrapers	1	1	500	0.48	Diesel
8090	Clifton Court Forebay	Air Compressors	1	3	115	0.48	Diesel
8090	Clifton Court Forebay	Air Compressors	1	10	310	0.48	Diesel
8090	Clifton Court Forebay	Cranes	1	10	240	0.29	Diesel
8090	Clifton Court Forebay	Cranes	3	8	335	0.29	Diesel
8090	Clifton Court Forebay	Crawler Tractors	1	2	242	0.43	Diesel
8090	Clifton Court Forebay	Crawler Tractors	1	0	70	0.43	Diesel
8090	Clifton Court Forebay	Crawler Tractors	1	1	145	0.43	Diesel
8090	Clifton Court Forebay	Crawler Tractors	1	0	410	0.43	Diesel
8090	Clifton Court Forebay	Excavators	1	0	315	0.38	Diesel
8090	Clifton Court Forebay	Generator Sets	1	2	12	0.74	Diesel
8090	Clifton Court Forebay	Generator Sets	1	3	23	0.74	Diesel
8090	Clifton Court Forebay	Generator Sets	1	4	107	0.74	Diesel
8090	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8090	Clifton Court Forebay	Graders	1	0	215	0.41	Diesel
8090	Clifton Court Forebay	Off-Highway Trucks	1	0	452	0.38	Diesel
8090	Clifton Court Forebay	Other Construction Equipment	1	3	92	0.42	Diesel
8090	Clifton Court Forebay	Other construction equipment	1	2	325	0.42	Diesel
8090	Clifton Court Forebay	Pavers	1	0	224	0.42	Diesel
8090	Clifton Court Forebay	Pumps	1	2	210	0.74	Diesel
8090	Clifton Court Forebay	Pumps	1	0	16	0.74	Diesel
8090	Clifton Court Forebay	Pumps	1	1	60	0.74	Diesel
8090	Clifton Court Forebay	Rollers	1	0	110	0.38	Diesel
8090	Clifton Court Forebay	Rollers	1	0	131	0.38	Diesel
8090	Clifton Court Forebay	Rollers	1	0	240	0.38	Diesel
8090	Clifton Court Forebay	Rollers	1	0	150	0.38	Diesel
8090	Clifton Court Forebay	Rollers	1	0	18	0.38	Diesel
8090	Clifton Court Forebay	Rubber Tired Loaders	1	0	197	0.36	Diesel
8090	Clifton Court Forebay	Rubber Tired Loaders	1	0	211	0.36	Diesel
8090	Clifton Court Forebay	Scrapers	1	1	450	0.48	Diesel
8090	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8090	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
8090	Clifton Court Forebay	Welders	1	7	48	0.45	Diesel
8092	Clifton Court Forebay	Air Compressors	1	3	115	0.48	Diesel
8092	Clifton Court Forebay	Air Compressors	1	9	310	0.48	Diesel
8092	Clifton Court Forebay	Cranes	2	6	240	0.29	Diesel
8092	Clifton Court Forebay	Cranes	3	8	335	0.29	Diesel
8092	Clifton Court Forebay	Crawler Tractors	1	2	242	0.43	Diesel
8092	Clifton Court Forebay	Crawler Tractors	1	0	70	0.43	Diesel
8092	Clifton Court Forebay	Crawler Tractors	1	2	145	0.43	Diesel
8092	Clifton Court Forebay	Crawler Tractors	1	1	410	0.43	Diesel
8092	Clifton Court Forebay	Excavators	1	0	315	0.38	Diesel
8092	Clifton Court Forebay	Generator Sets	1	5	12	0.74	Diesel
8092	Clifton Court Forebay	Generator Sets	1	3	23	0.74	Diesel
8092	Clifton Court Forebay	Generator Sets	1	4	107	0.74	Diesel
8092	Clifton Court Forebay	Graders	1	0	158	0.41	Diesel
8092	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8092	Clifton Court Forebay	Off-Highway Trucks	1	0	452	0.38	Diesel
8092	Clifton Court Forebay	Other Construction Equipment	1	3	92	0.42	Diesel
8092	Clifton Court Forebay	Other construction equipment	1	3	325	0.42	Diesel
8092	Clifton Court Forebay	Pumps	1	2	210	0.74	Diesel
8092	Clifton Court Forebay	Pumps	1	0	16	0.74	Diesel
8092	Clifton Court Forebay	Pumps	1	2	60	0.74	Diesel
8092	Clifton Court Forebay	Rollers	1	1	240	0.38	Diesel
8092	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8092	Clifton Court Forebay	Rollers	1	0	18	0.38	Diesel
8092	Clifton Court Forebay	Rubber Tired Loaders	1	0	197	0.36	Diesel
8092	Clifton Court Forebay	Rubber Tired Loaders	1	1	211	0.36	Diesel
8092	Clifton Court Forebay	Scrapers	1	5	450	0.48	Diesel
8092	Clifton Court Forebay	Scrapers	1	0	500	0.48	Diesel
8092	Clifton Court Forebay	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
8096	Clifton Court Forebay	Cranes	3	16	240	0.29	Diesel
8096	Clifton Court Forebay	Cranes	5	18	335	0.29	Diesel
8096	Clifton Court Forebay	Crawler Tractors	3	16	242	0.43	Diesel
8096	Clifton Court Forebay	Crawler Tractors	3	16	310	0.43	Diesel
8096	Clifton Court Forebay	Excavators	1	5	908	0.38	Diesel
8096	Clifton Court Forebay	Graders	1	5	215	0.41	Diesel
8096	Clifton Court Forebay	Graders	3	14	350	0.41	Diesel
8096	Clifton Court Forebay	Off-Highway Trucks	10	19	650	0.38	Diesel
8096	Clifton Court Forebay	Other construction equipment	3	16	325	0.42	Diesel
8101	Clifton Court Forebay	Air Compressors	1	0	115	0.48	Diesel
8101	Clifton Court Forebay	Bore/Drill Rigs	1	2	206	0.5	Diesel
8101	Clifton Court Forebay	Cranes	1	2	240	0.29	Diesel
8101	Clifton Court Forebay	Cranes	1	2	335	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8101	Clifton Court Forebay	Cranes	1	0	375	0.29	Diesel
8101	Clifton Court Forebay	Crawler Tractors	1	2	242	0.43	Diesel
8101	Clifton Court Forebay	Generator Sets	1	0	23	0.74	Diesel
8101	Clifton Court Forebay	Off-Highway Trucks	1	1	489	0.38	Diesel
8101	Clifton Court Forebay	Other construction equipment	1	0	290	0.42	Diesel
8101	Clifton Court Forebay	Other Construction Equipment	1	2	92	0.42	Diesel
8101	Clifton Court Forebay	Other construction equipment	1	0	325	0.42	Diesel
8101	Clifton Court Forebay	Welders	1	0	48	0.45	Diesel
8103	Clifton Court Forebay	Air Compressors	1	4	500	0.48	Diesel
8103	Clifton Court Forebay	Air Compressors	1	0	115	0.48	Diesel
8103	Clifton Court Forebay	Cranes	1	1	275	0.29	Diesel
8103	Clifton Court Forebay	Cranes	1	4	375	0.29	Diesel
8103	Clifton Court Forebay	Generator Sets	1	4	143	0.74	Diesel
8103	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8103	Clifton Court Forebay	Off-Highway Trucks	1	2	650	0.38	Diesel
8103	Clifton Court Forebay	Plate Compactors	1	1	8	0.43	Diesel
8103	Clifton Court Forebay	Pumps	1	0	80	0.74	Diesel
8103	Clifton Court Forebay	Pumps	1	1	210	0.74	Diesel
8103	Clifton Court Forebay	Pumps	1	2	60	0.74	Diesel
8103	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8103	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8103	Clifton Court Forebay	Welders	2	6	48	0.45	Diesel
8111	Clifton Court Forebay	Air Compressors	1	0	115	0.48	Diesel
8111	Clifton Court Forebay	Bore/Drill Rigs	1	2	206	0.5	Diesel
8111	Clifton Court Forebay	Cranes	1	1	240	0.29	Diesel
8111	Clifton Court Forebay	Cranes	1	1	335	0.29	Diesel
8111	Clifton Court Forebay	Cranes	1	0	375	0.29	Diesel
8111	Clifton Court Forebay	Crawler Tractors	1	1	242	0.43	Diesel
8111	Clifton Court Forebay	Generator Sets	1	0	23	0.74	Diesel
8111	Clifton Court Forebay	Off-Highway Trucks	1	1	489	0.38	Diesel
8111	Clifton Court Forebay	Other construction equipment	1	0	290	0.42	Diesel
8111	Clifton Court Forebay	Other Construction Equipment	1	1	92	0.42	Diesel
8111	Clifton Court Forebay	Other construction equipment	1	0	325	0.42	Diesel
8111	Clifton Court Forebay	Welders	1	0	48	0.45	Diesel
8113	Clifton Court Forebay	Air Compressors	1	3	500	0.48	Diesel
8113	Clifton Court Forebay	Air Compressors	1	0	115	0.48	Diesel
8113	Clifton Court Forebay	Cranes	1	1	275	0.29	Diesel
8113	Clifton Court Forebay	Cranes	1	3	375	0.29	Diesel
8113	Clifton Court Forebay	Generator Sets	1	3	143	0.74	Diesel
8113	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8113	Clifton Court Forebay	Off-Highway Trucks	1	2	650	0.38	Diesel
8113	Clifton Court Forebay	Plate Compactors	1	1	8	0.43	Diesel
8113	Clifton Court Forebay	Pumps	1	0	80	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8113	Clifton Court Forebay	Pumps	1	1	210	0.74	Diesel
8113	Clifton Court Forebay	Pumps	1	2	60	0.74	Diesel
8113	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8113	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8113	Clifton Court Forebay	Welders	1	8	48	0.45	Diesel
8121	Clifton Court Forebay	Air Compressors	1	4	115	0.48	Diesel
8121	Clifton Court Forebay	Air Compressors	1	0	310	0.48	Diesel
8121	Clifton Court Forebay	Cranes	1	7	240	0.29	Diesel
8121	Clifton Court Forebay	Cranes	1	2	335	0.29	Diesel
8121	Clifton Court Forebay	Cranes	1	4	375	0.29	Diesel
8121	Clifton Court Forebay	Crawler Tractors	1	2	242	0.43	Diesel
8121	Clifton Court Forebay	Generator Sets	1	1	12	0.74	Diesel
8121	Clifton Court Forebay	Generator Sets	1	4	23	0.74	Diesel
8121	Clifton Court Forebay	Off-Highway Trucks	1	4	489	0.38	Diesel
8121	Clifton Court Forebay	Other construction equipment	1	3	290	0.42	Diesel
8121	Clifton Court Forebay	Other Construction Equipment	1	2	92	0.42	Diesel
8121	Clifton Court Forebay	Other construction equipment	1	4	325	0.42	Diesel
8121	Clifton Court Forebay	Pumps	1	0	210	0.74	Diesel
8121	Clifton Court Forebay	Pumps	1	0	70	0.74	Diesel
8121	Clifton Court Forebay	Welders	1	4	48	0.45	Diesel
8123	Clifton Court Forebay	Air Compressors	1	4	500	0.48	Diesel
8123	Clifton Court Forebay	Air Compressors	1	0	115	0.48	Diesel
8123	Clifton Court Forebay	Cranes	1	1	275	0.29	Diesel
8123	Clifton Court Forebay	Cranes	1	4	375	0.29	Diesel
8123	Clifton Court Forebay	Generator Sets	1	4	143	0.74	Diesel
8123	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8123	Clifton Court Forebay	Off-Highway Trucks	1	2	650	0.38	Diesel
8123	Clifton Court Forebay	Plate Compactors	1	1	8	0.43	Diesel
8123	Clifton Court Forebay	Pumps	1	0	80	0.74	Diesel
8123	Clifton Court Forebay	Pumps	1	1	210	0.74	Diesel
8123	Clifton Court Forebay	Pumps	1	2	60	0.74	Diesel
8123	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8123	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8123	Clifton Court Forebay	Welders	2	6	48	0.45	Diesel
8131	Clifton Court Forebay	Air Compressors	1	4	115	0.48	Diesel
8131	Clifton Court Forebay	Air Compressors	1	0	310	0.48	Diesel
8131	Clifton Court Forebay	Cranes	1	5	240	0.29	Diesel
8131	Clifton Court Forebay	Cranes	1	1	335	0.29	Diesel
8131	Clifton Court Forebay	Cranes	1	4	375	0.29	Diesel
8131	Clifton Court Forebay	Crawler Tractors	1	1	242	0.43	Diesel
8131	Clifton Court Forebay	Generator Sets	1	1	12	0.74	Diesel
8131	Clifton Court Forebay	Generator Sets	1	4	23	0.74	Diesel
8131	Clifton Court Forebay	Off-Highway Trucks	1	3	489	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8131	Clifton Court Forebay	Other construction equipment	1	3	290	0.42	Diesel
8131	Clifton Court Forebay	Other Construction Equipment	1	1	92	0.42	Diesel
8131	Clifton Court Forebay	Other construction equipment	1	3	325	0.42	Diesel
8131	Clifton Court Forebay	Pumps	1	0	210	0.74	Diesel
8131	Clifton Court Forebay	Pumps	1	0	70	0.74	Diesel
8131	Clifton Court Forebay	Welders	1	4	48	0.45	Diesel
8133	Clifton Court Forebay	Air Compressors	1	2	500	0.48	Diesel
8133	Clifton Court Forebay	Air Compressors	1	0	115	0.48	Diesel
8133	Clifton Court Forebay	Cranes	1	1	275	0.29	Diesel
8133	Clifton Court Forebay	Cranes	1	2	375	0.29	Diesel
8133	Clifton Court Forebay	Generator Sets	1	2	143	0.74	Diesel
8133	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8133	Clifton Court Forebay	Off-Highway Trucks	1	1	650	0.38	Diesel
8133	Clifton Court Forebay	Plate Compactors	1	1	8	0.43	Diesel
8133	Clifton Court Forebay	Pumps	1	0	80	0.74	Diesel
8133	Clifton Court Forebay	Pumps	1	1	210	0.74	Diesel
8133	Clifton Court Forebay	Pumps	1	1	60	0.74	Diesel
8133	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8133	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8133	Clifton Court Forebay	Welders	1	7	48	0.45	Diesel
8140	Clifton Court Forebay	Air Compressors	1	4	115	0.48	Diesel
8140	Clifton Court Forebay	Air Compressors	1	0	310	0.48	Diesel
8140	Clifton Court Forebay	Cranes	1	7	240	0.29	Diesel
8140	Clifton Court Forebay	Cranes	1	2	335	0.29	Diesel
8140	Clifton Court Forebay	Cranes	1	4	375	0.29	Diesel
8140	Clifton Court Forebay	Crawler Tractors	1	2	242	0.43	Diesel
8140	Clifton Court Forebay	Generator Sets	1	1	12	0.74	Diesel
8140	Clifton Court Forebay	Generator Sets	1	4	23	0.74	Diesel
8140	Clifton Court Forebay	Off-Highway Trucks	1	4	489	0.38	Diesel
8140	Clifton Court Forebay	Other construction equipment	1	3	290	0.42	Diesel
8140	Clifton Court Forebay	Other Construction Equipment	1	2	92	0.42	Diesel
8140	Clifton Court Forebay	Other construction equipment	1	4	325	0.42	Diesel
8140	Clifton Court Forebay	Pumps	1	0	210	0.74	Diesel
8140	Clifton Court Forebay	Pumps	1	0	70	0.74	Diesel
8140	Clifton Court Forebay	Welders	1	4	48	0.45	Diesel
8141	Clifton Court Forebay	Air Compressors	1	2	500	0.48	Diesel
8141	Clifton Court Forebay	Air Compressors	1	0	115	0.48	Diesel
8141	Clifton Court Forebay	Cranes	1	1	275	0.29	Diesel
8141	Clifton Court Forebay	Cranes	1	2	375	0.29	Diesel
8141	Clifton Court Forebay	Generator Sets	1	2	143	0.74	Diesel
8141	Clifton Court Forebay	Graders	1	1	215	0.41	Diesel
8141	Clifton Court Forebay	Off-Highway Trucks	1	2	650	0.38	Diesel
8141	Clifton Court Forebay	Plate Compactors	1	1	8	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8141	Clifton Court Forebay	Pumps	1	1	210	0.74	Diesel
8141	Clifton Court Forebay	Pumps	1	2	60	0.74	Diesel
8141	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8141	Clifton Court Forebay	Rubber Tired Loaders	1	1	501	0.36	Diesel
8141	Clifton Court Forebay	Welders	1	7	48	0.45	Diesel
8145	Clifton Court Forebay	Air Compressors	1	3	115	0.48	Diesel
8145	Clifton Court Forebay	Cranes	1	6	240	0.29	Diesel
8145	Clifton Court Forebay	Cranes	1	6	375	0.29	Diesel
8145	Clifton Court Forebay	Generator Sets	1	3	23	0.74	Diesel
8145	Clifton Court Forebay	Graders	1	0	215	0.41	Diesel
8145	Clifton Court Forebay	Off-Highway Trucks	2	5	489	0.38	Diesel
8145	Clifton Court Forebay	Other construction equipment	1	2	290	0.42	Diesel
8145	Clifton Court Forebay	Other construction equipment	1	3	325	0.42	Diesel
8145	Clifton Court Forebay	Rollers	1	0	150	0.38	Diesel
8145	Clifton Court Forebay	Welders	1	3	48	0.45	Diesel
8146	Clifton Court Forebay	Air Compressors	1	3	500	0.48	Diesel
8146	Clifton Court Forebay	Cranes	1	3	375	0.29	Diesel
8146	Clifton Court Forebay	Generator Sets	1	3	143	0.74	Diesel
8146	Clifton Court Forebay	Graders	1	0	215	0.41	Diesel
8146	Clifton Court Forebay	Off-Highway Trucks	1	0	650	0.38	Diesel
8146	Clifton Court Forebay	Pavers	1	0	230	0.42	Diesel
8146	Clifton Court Forebay	Plate Compactors	1	0	8	0.43	Diesel
8146	Clifton Court Forebay	Pumps	1	3	210	0.74	Diesel
8146	Clifton Court Forebay	Pumps	1	0	60	0.74	Diesel
8146	Clifton Court Forebay	Rollers	1	1	150	0.38	Diesel
8146	Clifton Court Forebay	Rubber Tired Loaders	1	0	197	0.36	Diesel
8146	Clifton Court Forebay	Rubber Tired Loaders	1	0	501	0.36	Diesel
8146	Clifton Court Forebay	Welders	1	5	48	0.45	Diesel
AccessRoad	Geotechnical Explorations <sup>a</sup>	Crawler Tractors	1	8	208	0.43	Diesel
AccessRoad	Geotechnical Explorations <sup>a</sup>	Excavators	1	8	163	0.38	Diesel
AccessRoad	Geotechnical Explorations <sup>a</sup>	Graders	1	8	215	0.41	Diesel
AccessRoad	Geotechnical Explorations <sup>a</sup>	Rollers	1	8	81	0.38	Diesel
AccessRoad	Geotechnical Explorations <sup>a</sup>	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	Bore/Drill Rigs	1	10	206	0.5	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	Bore/Drill Rigs	5	10	206	0.5	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	Generator Sets	1	24	84	0.74	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	Tractors/Loaders/Backhoes	1	10	98	0.37	Diesel
Overwater	Geotechnical Explorations <sup>a</sup>	Bore/Drill Rigs	1	10	206	0.5	Diesel
Overwater	Geotechnical Explorations <sup>a</sup>	Bore/Drill Rigs	1	10	206	0.5	Diesel
4	Intakes	Air Compressors	4	8	80	0.48	Diesel
4	Intakes	Cranes	1	1	160	0.29	Diesel
4	Intakes	Cranes	1	1	240	0.29	Diesel
4	Intakes	Cranes	1	1	275	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
4	Intakes	Cranes	2	8	66	0.29	Diesel
4	Intakes	Crawler Tractors	1	0	70	0.43	Diesel
4	Intakes	Crawler Tractors	1	0	145	0.43	Diesel
4	Intakes	Generator Sets	1	0	107	0.74	Diesel
4	Intakes	Graders	1	0	215	0.41	Diesel
4	Intakes	Off-Highway Trucks	1	1	375	0.38	Diesel
4	Intakes	Plate Compactors	1	5	8	0.43	Diesel
4	Intakes	Pumps	1	0	16	0.74	Diesel
4	Intakes	Rollers	1	1	150	0.38	Diesel
4	Intakes	Rubber Tired Loaders	1	9	197	0.36	Diesel
4	Intakes	Scrapers	1	0	175	0.48	Diesel
4	Intakes	Tractors/Loaders/Backhoes	1	9	101	0.37	Diesel
4	Intakes	Welders	1	0	48	0.45	Diesel
5	Intakes	Graders	1	1	158	0.41	Diesel
5	Intakes	Rollers	1	1	150	0.38	Diesel
5	Intakes	Tractors/Loaders/Backhoes	1	4	87	0.37	Diesel
6	Intakes	Air Compressors	1	5	80	0.48	Diesel
6	Intakes	Cranes	1	5	275	0.29	Diesel
6	Intakes	Cranes	1	3	66	0.29	Diesel
7	Intakes	Crawler Tractors	1	6	24	0.43	Diesel
7	Intakes	Generator Sets	1	6	713	0.74	Diesel
7	Intakes	Rubber Tired Loaders	2	9	211	0.36	Diesel
7	Intakes	Welders	1	1	48	0.45	Diesel
201	Intakes	Air Compressors	2	8	115	0.48	Diesel
201	Intakes	Cranes	2	8	240	0.29	Diesel
201	Intakes	Cranes	2	8	375	0.29	Diesel
201	Intakes	Cranes	2	8	66	0.29	Diesel
201	Intakes	Generator Sets	4	8	12	0.74	Diesel
201	Intakes	Generator Sets	2	8	23	0.74	Diesel
201	Intakes	Other construction equipment	2	8	325	0.42	Diesel
201	Intakes	Welders	2	8	48	0.45	Diesel
203	Intakes	Air Compressors	1	6	80	0.48	Diesel
203	Intakes	Cranes	1	6	160	0.29	Diesel
203	Intakes	Cranes	1	2	240	0.29	Diesel
203	Intakes	Cranes	1	0	335	0.29	Diesel
203	Intakes	Cranes	1	6	66	0.29	Diesel
203	Intakes	Crawler Tractors	1	0	242	0.43	Diesel
203	Intakes	Crawler Tractors	1	1	70	0.43	Diesel
203	Intakes	Crawler Tractors	1	0	145	0.43	Diesel
203	Intakes	Excavators	1	0	384	0.38	Diesel
203	Intakes	Generator Sets	1	1	107	0.74	Diesel
203	Intakes	Graders	1	0	158	0.41	Diesel
203	Intakes	Off-Highway Trucks	1	2	375	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
203	Intakes	Off-Highway Trucks	1	1	452	0.38	Diesel
203	Intakes	Other Construction Equipment	1	0	92	0.42	Diesel
203	Intakes	Plate Compactors	1	5	8	0.43	Diesel
203	Intakes	Rollers	1	1	150	0.38	Diesel
203	Intakes	Rubber Tired Loaders	2	6	197	0.36	Diesel
203	Intakes	Tractors/Loaders/Backhoes	2	5	101	0.37	Diesel
203	Intakes	Welders	1	1	48	0.45	Diesel
205	Intakes	Bore/Drill Rigs	4	8	210	0.5	Diesel
205	Intakes	Cranes	4	8	160	0.29	Diesel
205	Intakes	Cranes	1	8	275	0.29	Diesel
205	Intakes	Crawler Tractors	1	2	70	0.43	Diesel
205	Intakes	Crawler Tractors	2	9	145	0.43	Diesel
205	Intakes	Crawler Tractors	1	0	410	0.43	Diesel
205	Intakes	Excavators	1	8	315	0.38	Diesel
205	Intakes	Excavators	1	3	384	0.38	Diesel
205	Intakes	Gas Pump	1	3	2	0.69	Gasoline
205	Intakes	Generator Sets	1	2	12	0.74	Diesel
205	Intakes	Graders	1	0	158	0.41	Diesel
205	Intakes	Graders	1	4	215	0.41	Diesel
205	Intakes	Off-Highway Trucks	3	9	375	0.38	Diesel
205	Intakes	Off-Highway Trucks	1	4	452	0.38	Diesel
205	Intakes	Pumps	1	1	16	0.74	Diesel
205	Intakes	Pumps	1	8	60	0.74	Diesel
205	Intakes	Rollers	1	0	240	0.38	Diesel
205	Intakes	Rollers	1	6	315	0.38	Diesel
205	Intakes	Rollers	1	1	150	0.38	Diesel
205	Intakes	Rollers	1	0	18	0.38	Diesel
205	Intakes	Rubber Tired Loaders	1	8	211	0.36	Diesel
205	Intakes	Rubber Tired Loaders	1	8	160	0.36	Diesel
205	Intakes	Rubber Tired Loaders	1	0	501	0.36	Diesel
205	Intakes	Rubber Tired Loaders	1	0	145	0.36	Diesel
205	Intakes	Scrapers	1	2	450	0.48	Diesel
205	Intakes	Scrapers	1	0	500	0.48	Diesel
205	Intakes	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
205	Intakes	Tractors/Loaders/Backhoes	5	8	101	0.37	Diesel
206	Intakes	Air Compressors	1	4	115	0.48	Diesel
206	Intakes	Air Compressors	4	9	310	0.48	Diesel
206	Intakes	Cranes	3	9	240	0.29	Diesel
206	Intakes	Cranes	9	9	335	0.29	Diesel
206	Intakes	Cranes	1	4	375	0.29	Diesel
206	Intakes	Crawler Tractors	1	4	242	0.43	Diesel
206	Intakes	Excavators	1	0	128	0.38	Diesel
206	Intakes	Excavators	1	1	315	0.38	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
206	Intakes	Generator Sets	1	4	23	0.74	Diesel
206	Intakes	Generator Sets	2	9	107	0.74	Diesel
206	Intakes	Other Construction Equipment	1	8	92	0.42	Diesel
206	Intakes	Other construction equipment	1	4	325	0.42	Diesel
206	Intakes	Plate Compactors	1	0	8	0.43	Diesel
206	Intakes	Pumps	1	7	210	0.74	Diesel
206	Intakes	Pumps	1	0	60	0.74	Diesel
206	Intakes	Welders	3	7	48	0.45	Diesel
207	Intakes	Air Compressors	2	16	115	0.48	Diesel
207	Intakes	Cranes	2	11	240	0.29	Diesel
207	Intakes	Cranes	2	16	375	0.29	Diesel
207	Intakes	Cranes	2	16	66	0.29	Diesel
207	Intakes	Generator Sets	2	15	12	0.74	Diesel
207	Intakes	Generator Sets	2	16	23	0.74	Diesel
207	Intakes	Other construction equipment	2	15	325	0.42	Diesel
207	Intakes	Welders	2	16	48	0.45	Diesel
209	Intakes	Crawler Tractors	1	3	24	0.43	Diesel
209	Intakes	Crawler Tractors	1	3	70	0.43	Diesel
209	Intakes	Crawler Tractors	9	9	145	0.43	Diesel
209	Intakes	Crawler Tractors	1	2	410	0.43	Diesel
209	Intakes	Crushing/Proc. Equipment	1	1	85	0.78	Diesel
209	Intakes	Excavators	1	1	128	0.38	Diesel
209	Intakes	Excavators	5	9	384	0.38	Diesel
209	Intakes	Generator Sets	1	1	12	0.74	Diesel
209	Intakes	Graders	3	7	215	0.41	Diesel
209	Intakes	Off-Highway Trucks	3	9	375	0.38	Diesel
209	Intakes	Off-Highway Trucks	18	10	489	0.38	Diesel
209	Intakes	Pavers	1	0	224	0.42	Diesel
209	Intakes	Pavers	1	3	230	0.42	Diesel
209	Intakes	Pavers	1	3	92	0.42	Diesel
209	Intakes	Plate Compactors	1	2	8	0.43	Diesel
209	Intakes	Pumps	1	8	16	0.74	Diesel
209	Intakes	Rollers	1	0	110	0.38	Diesel
209	Intakes	Rollers	1	0	131	0.38	Diesel
209	Intakes	Rollers	1	1	240	0.38	Diesel
209	Intakes	Rollers	3	10	315	0.38	Diesel
209	Intakes	Rollers	1	7	150	0.38	Diesel
209	Intakes	Rollers	1	3	18	0.38	Diesel
209	Intakes	Rubber Tired Loaders	1	6	197	0.36	Diesel
209	Intakes	Rubber Tired Loaders	1	2	211	0.36	Diesel
209	Intakes	Scrapers	1	7	450	0.48	Diesel
209	Intakes	Tractors/Loaders/Backhoes	1	4	87	0.37	Diesel
209	Intakes	Tractors/Loaders/Backhoes	1	6	101	0.37	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
211	Intakes	Air Compressors	1	0	80	0.48	Diesel
211	Intakes	Cement and Mortar Mixers	2	16	18	0.56	Diesel
211	Intakes	Cranes	2	16	100	0.29	Diesel
211	Intakes	Cranes	1	0	66	0.29	Diesel
211	Intakes	Pumps	2	16	215	0.74	Diesel
211	Intakes	Tractors/Loaders/Backhoes	2	16	101	0.37	Diesel
213	Intakes	Cranes	3	7	375	0.29	Diesel
213	Intakes	Crawler Tractors	1	5	145	0.43	Diesel
213	Intakes	Crawler Tractors	2	6	310	0.43	Diesel
213	Intakes	Excavators	1	2	523	0.38	Diesel
213	Intakes	Graders	1	1	215	0.41	Diesel
213	Intakes	Off-Highway Trucks	1	10	489	0.38	Diesel
213	Intakes	Off-Highway Trucks	7	9	650	0.38	Diesel
213	Intakes	Rollers	1	5	240	0.38	Diesel
215	Intakes	Air Compressors	1	1	80	0.48	Diesel
215	Intakes	Air Compressors	1	7	115	0.48	Diesel
215	Intakes	Bore/Drill Rigs	1	7	484	0.5	Diesel
215	Intakes	Cranes	1	7	100	0.29	Diesel
215	Intakes	Cranes	1	2	240	0.29	Diesel
215	Intakes	Cranes	1	5	335	0.29	Diesel
215	Intakes	Cranes	1	0	66	0.29	Diesel
215	Intakes	Crawler Tractors	1	7	145	0.43	Diesel
215	Intakes	Off-Highway Trucks	1	14	375	0.38	Diesel
215	Intakes	Pumps	1	7	60	0.74	Diesel
215	Intakes	Rubber Tired Loaders	1	7	160	0.36	Diesel
215	Intakes	Tractors/Loaders/Backhoes	1	7	101	0.37	Diesel
217	Intakes	Air Compressors	1	6	115	0.48	Diesel
217	Intakes	Air Compressors	2	6	310	0.48	Diesel
217	Intakes	Cranes	4	8	240	0.29	Diesel
217	Intakes	Generator Sets	4	10	12	0.74	Diesel
217	Intakes	Generator Sets	1	6	23	0.74	Diesel
217	Intakes	Pumps	2	6	210	0.74	Diesel
217	Intakes	Welders	1	6	48	0.45	Diesel
219	Intakes	Cranes	11	9	240	0.29	Diesel
219	Intakes	Cranes	11	9	335	0.29	Diesel
219	Intakes	Pumps	2	5	85	0.74	Diesel
221	Intakes	Air Compressors	2	10	310	0.48	Diesel
221	Intakes	Cranes	1	10	240	0.29	Diesel
221	Intakes	Cranes	4	10	335	0.29	Diesel
221	Intakes	Generator Sets	1	10	107	0.74	Diesel
221	Intakes	Pumps	1	3	210	0.74	Diesel
221	Intakes	Welders	1	10	48	0.45	Diesel
223	Intakes	Cranes	1	4	160	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
223	Intakes	Cranes	5	8	335	0.29	Diesel
225	Intakes	Air Compressors	2	9	80	0.48	Diesel
225	Intakes	Cranes	1	1	240	0.29	Diesel
225	Intakes	Cranes	1	2	335	0.29	Diesel
225	Intakes	Cranes	1	0	335	0.29	Diesel
225	Intakes	Welders	4	9	48	0.45	Diesel
227	Intakes	Air Compressors	3	10	80	0.48	Diesel
227	Intakes	Air Compressors	1	3	115	0.48	Diesel
227	Intakes	Cranes	1	0	160	0.29	Diesel
227	Intakes	Cranes	1	0	240	0.29	Diesel
227	Intakes	Cranes	1	4	335	0.29	Diesel
227	Intakes	Cranes	1	1	335	0.29	Diesel
227	Intakes	Cranes	2	6	66	0.29	Diesel
227	Intakes	Crawler Tractors	1	0	70	0.43	Diesel
227	Intakes	Generator Sets	1	0	107	0.74	Diesel
227	Intakes	Off-Highway Trucks	1	0	375	0.38	Diesel
227	Intakes	Rollers	1	0	150	0.38	Diesel
227	Intakes	Rubber Tired Loaders	1	0	197	0.36	Diesel
227	Intakes	Welders	1	3	48	0.45	Diesel
229	Intakes	Air Compressors	1	5	115	0.48	Diesel
229	Intakes	Cranes	1	5	375	0.29	Diesel
229	Intakes	Cranes	1	9	66	0.29	Diesel
229	Intakes	Crawler Tractors	1	4	24	0.43	Diesel
229	Intakes	Excavators	1	8	163	0.38	Diesel
229	Intakes	Generator Sets	2	8	12	0.74	Diesel
229	Intakes	Generator Sets	1	5	23	0.74	Diesel
229	Intakes	Other construction equipment	1	5	325	0.42	Diesel
229	Intakes	Pumps	1	4	16	0.74	Diesel
229	Intakes	Rubber Tired Loaders	1	8	160	0.36	Diesel
229	Intakes	Welders	1	5	48	0.45	Diesel
251	Intakes	Bore/Drill Rigs	1	3	206	0.5	Diesel
253	Intakes	Crawler Tractors	3	7	310	0.43	Diesel
253	Intakes	Excavators	3	7	908	0.38	Diesel
253	Intakes	Graders	3	8	215	0.41	Diesel
253	Intakes	Off-Highway Trucks	1	1	489	0.38	Diesel
253	Intakes	Off-Highway Trucks	9	10	650	0.38	Diesel
253	Intakes	Pumps	1	1	60	0.74	Diesel
253	Intakes	Rollers	1	1	150	0.38	Diesel
253	Intakes	Rubber Tired Loaders	1	1	800	0.36	Diesel
253	Intakes	Scrapers	1	1	500	0.48	Diesel
254	Intakes	Crawler Tractors	1	2	145	0.43	Diesel
254	Intakes	Graders	2	10	215	0.41	Diesel
254	Intakes	Pavers	1	7	224	0.42	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
254	Intakes	Pumps	1	6	60	0.74	Diesel
254	Intakes	Rollers	1	7	110	0.38	Diesel
254	Intakes	Rollers	1	7	131	0.38	Diesel
254	Intakes	Rollers	1	10	150	0.38	Diesel
254	Intakes	Rubber Tired Loaders	1	6	501	0.36	Diesel
254	Intakes	Scrapers	1	4	175	0.48	Diesel
254	Intakes	Scrapers	1	6	500	0.48	Diesel
254	Intakes	Tractors/Loaders/Backhoes	1	7	87	0.37	Diesel
255	Intakes	Air Compressors	1	4	115	0.48	Diesel
255	Intakes	Cranes	2	6	240	0.29	Diesel
255	Intakes	Cranes	2	9	335	0.29	Diesel
255	Intakes	Crawler Tractors	1	10	242	0.43	Diesel
255	Intakes	Excavators	1	4	384	0.38	Diesel
255	Intakes	Off-Highway Trucks	2	6	452	0.38	Diesel
255	Intakes	Other Construction Equipment	1	10	92	0.42	Diesel
255	Intakes	Pumps	1	4	210	0.74	Diesel
255	Intakes	Rollers	1	4	18	0.38	Diesel
257	Intakes	Air Compressors	2	10	310	0.48	Diesel
257	Intakes	Cranes	1	10	240	0.29	Diesel
257	Intakes	Cranes	5	10	335	0.29	Diesel
257	Intakes	Generator Sets	1	10	107	0.74	Diesel
257	Intakes	Pumps	1	6	210	0.74	Diesel
257	Intakes	Welders	1	10	48	0.45	Diesel
259	Intakes	Cranes	4	9	240	0.29	Diesel
259	Intakes	Cranes	3	7	275	0.29	Diesel
259	Intakes	Cranes	1	2	335	0.29	Diesel
261	Intakes	Air Compressors	1	2	115	0.48	Diesel
261	Intakes	Cranes	1	1	275	0.29	Diesel
261	Intakes	Cranes	1	2	335	0.29	Diesel
261	Intakes	Cranes	1	0	335	0.29	Diesel
261	Intakes	Cranes	2	8	66	0.29	Diesel
261	Intakes	Crawler Tractors	1	3	24	0.43	Diesel
261	Intakes	Pumps	1	3	16	0.74	Diesel
261	Intakes	Welders	2	6	48	0.45	Diesel
301	Intakes	Air Compressors	2	8	115	0.48	Diesel
301	Intakes	Cranes	2	8	240	0.29	Diesel
301	Intakes	Cranes	2	8	375	0.29	Diesel
301	Intakes	Cranes	2	8	66	0.29	Diesel
301	Intakes	Generator Sets	4	8	12	0.74	Diesel
301	Intakes	Generator Sets	2	8	23	0.74	Diesel
301	Intakes	Other construction equipment	2	8	325	0.42	Diesel
301	Intakes	Welders	2	8	48	0.45	Diesel
303	Intakes	Air Compressors	1	5	80	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
303	Intakes	Cranes	1	5	160	0.29	Diesel
303	Intakes	Cranes	1	1	240	0.29	Diesel
303	Intakes	Cranes	1	0	335	0.29	Diesel
303	Intakes	Cranes	1	5	66	0.29	Diesel
303	Intakes	Crawler Tractors	1	0	242	0.43	Diesel
303	Intakes	Crawler Tractors	1	1	70	0.43	Diesel
303	Intakes	Crawler Tractors	1	0	145	0.43	Diesel
303	Intakes	Excavators	1	0	384	0.38	Diesel
303	Intakes	Generator Sets	1	0	107	0.74	Diesel
303	Intakes	Graders	1	0	158	0.41	Diesel
303	Intakes	Off-Highway Trucks	1	1	375	0.38	Diesel
303	Intakes	Off-Highway Trucks	1	1	452	0.38	Diesel
303	Intakes	Other Construction Equipment	1	0	92	0.42	Diesel
303	Intakes	Plate Compactors	1	4	8	0.43	Diesel
303	Intakes	Rollers	1	1	150	0.38	Diesel
303	Intakes	Rubber Tired Loaders	1	9	197	0.36	Diesel
303	Intakes	Tractors/Loaders/Backhoes	1	9	101	0.37	Diesel
303	Intakes	Welders	1	0	48	0.45	Diesel
305	Intakes	Bore/Drill Rigs	4	9	210	0.5	Diesel
305	Intakes	Cranes	4	9	160	0.29	Diesel
305	Intakes	Cranes	1	9	275	0.29	Diesel
305	Intakes	Crawler Tractors	1	2	70	0.43	Diesel
305	Intakes	Crawler Tractors	3	7	145	0.43	Diesel
305	Intakes	Crawler Tractors	1	1	410	0.43	Diesel
305	Intakes	Excavators	1	9	315	0.38	Diesel
305	Intakes	Excavators	1	4	384	0.38	Diesel
305	Intakes	Gas Pump	1	4	2	0.69	Gasoline
305	Intakes	Generator Sets	1	3	12	0.74	Diesel
305	Intakes	Graders	1	0	158	0.41	Diesel
305	Intakes	Graders	1	6	215	0.41	Diesel
305	Intakes	Off-Highway Trucks	4	8	375	0.38	Diesel
305	Intakes	Off-Highway Trucks	1	4	452	0.38	Diesel
305	Intakes	Pumps	1	2	16	0.74	Diesel
305	Intakes	Pumps	1	9	60	0.74	Diesel
305	Intakes	Rollers	1	1	240	0.38	Diesel
305	Intakes	Rollers	1	8	315	0.38	Diesel
305	Intakes	Rollers	1	1	150	0.38	Diesel
305	Intakes	Rollers	1	0	18	0.38	Diesel
305	Intakes	Rubber Tired Loaders	1	10	211	0.36	Diesel
305	Intakes	Rubber Tired Loaders	1	9	160	0.36	Diesel
305	Intakes	Rubber Tired Loaders	1	0	501	0.36	Diesel
305	Intakes	Rubber Tired Loaders	1	0	145	0.36	Diesel
305	Intakes	Scrapers	1	3	450	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
305	Intakes	Scrapers	1	1	500	0.48	Diesel
305	Intakes	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
305	Intakes	Tractors/Loaders/Backhoes	5	9	101	0.37	Diesel
306	Intakes	Air Compressors	1	3	115	0.48	Diesel
306	Intakes	Air Compressors	4	8	310	0.48	Diesel
306	Intakes	Cranes	3	7	240	0.29	Diesel
306	Intakes	Cranes	7	10	335	0.29	Diesel
306	Intakes	Cranes	1	3	375	0.29	Diesel
306	Intakes	Crawler Tractors	1	3	242	0.43	Diesel
306	Intakes	Excavators	1	0	128	0.38	Diesel
306	Intakes	Excavators	1	1	315	0.38	Diesel
306	Intakes	Generator Sets	1	3	23	0.74	Diesel
306	Intakes	Generator Sets	2	8	107	0.74	Diesel
306	Intakes	Other Construction Equipment	1	6	92	0.42	Diesel
306	Intakes	Other construction equipment	1	3	325	0.42	Diesel
306	Intakes	Plate Compactors	1	0	8	0.43	Diesel
306	Intakes	Pumps	1	6	210	0.74	Diesel
306	Intakes	Pumps	1	0	60	0.74	Diesel
306	Intakes	Welders	2	9	48	0.45	Diesel
307	Intakes	Air Compressors	2	15	115	0.48	Diesel
307	Intakes	Cranes	2	10	240	0.29	Diesel
307	Intakes	Cranes	2	15	375	0.29	Diesel
307	Intakes	Cranes	2	15	66	0.29	Diesel
307	Intakes	Generator Sets	2	14	12	0.74	Diesel
307	Intakes	Generator Sets	2	15	23	0.74	Diesel
307	Intakes	Other construction equipment	2	14	325	0.42	Diesel
307	Intakes	Welders	2	15	48	0.45	Diesel
309	Intakes	Air Compressors	2	9	80	0.48	Diesel
309	Intakes	Cranes	2	9	160	0.29	Diesel
309	Intakes	Cranes	1	1	240	0.29	Diesel
309	Intakes	Cranes	2	9	66	0.29	Diesel
309	Intakes	Crawler Tractors	1	3	24	0.43	Diesel
309	Intakes	Crawler Tractors	1	3	70	0.43	Diesel
309	Intakes	Crawler Tractors	9	9	145	0.43	Diesel
309	Intakes	Crawler Tractors	1	2	410	0.43	Diesel
309	Intakes	Crushing/Proc. Equipment	1	1	85	0.78	Diesel
309	Intakes	Excavators	1	1	128	0.38	Diesel
309	Intakes	Excavators	5	9	384	0.38	Diesel
309	Intakes	Generator Sets	1	1	12	0.74	Diesel
309	Intakes	Generator Sets	1	1	107	0.74	Diesel
309	Intakes	Graders	3	7	215	0.41	Diesel
309	Intakes	Off-Highway Trucks	3	9	375	0.38	Diesel
309	Intakes	Off-Highway Trucks	18	10	489	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
309	Intakes	Pavers	1	0	224	0.42	Diesel
309	Intakes	Pavers	1	3	230	0.42	Diesel
309	Intakes	Pavers	1	3	92	0.42	Diesel
309	Intakes	Plate Compactors	1	2	8	0.43	Diesel
309	Intakes	Pumps	1	8	16	0.74	Diesel
309	Intakes	Rollers	1	0	110	0.38	Diesel
309	Intakes	Rollers	1	0	131	0.38	Diesel
309	Intakes	Rollers	1	1	240	0.38	Diesel
309	Intakes	Rollers	3	10	315	0.38	Diesel
309	Intakes	Rollers	1	7	150	0.38	Diesel
309	Intakes	Rollers	1	3	18	0.38	Diesel
309	Intakes	Rubber Tired Loaders	1	7	197	0.36	Diesel
309	Intakes	Rubber Tired Loaders	1	2	211	0.36	Diesel
309	Intakes	Scrapers	1	7	450	0.48	Diesel
309	Intakes	Tractors/Loaders/Backhoes	1	4	87	0.37	Diesel
309	Intakes	Tractors/Loaders/Backhoes	1	6	101	0.37	Diesel
309	Intakes	Welders	1	1	48	0.45	Diesel
311	Intakes	Air Compressors	1	0	80	0.48	Diesel
311	Intakes	Cement and Mortar Mixers	1	16	18	0.56	Diesel
311	Intakes	Cranes	1	16	100	0.29	Diesel
311	Intakes	Cranes	1	0	66	0.29	Diesel
311	Intakes	Pumps	1	16	215	0.74	Diesel
311	Intakes	Tractors/Loaders/Backhoes	1	16	101	0.37	Diesel
313	Intakes	Cranes	2	5	375	0.29	Diesel
313	Intakes	Crawler Tractors	1	2	145	0.43	Diesel
313	Intakes	Crawler Tractors	1	6	310	0.43	Diesel
313	Intakes	Excavators	1	1	523	0.38	Diesel
313	Intakes	Graders	1	1	215	0.41	Diesel
313	Intakes	Off-Highway Trucks	1	5	489	0.38	Diesel
313	Intakes	Off-Highway Trucks	4	8	650	0.38	Diesel
313	Intakes	Rollers	1	2	240	0.38	Diesel
315	Intakes	Air Compressors	1	2	80	0.48	Diesel
315	Intakes	Air Compressors	1	9	115	0.48	Diesel
315	Intakes	Bore/Drill Rigs	1	9	484	0.5	Diesel
315	Intakes	Cranes	1	9	100	0.29	Diesel
315	Intakes	Cranes	1	2	240	0.29	Diesel
315	Intakes	Cranes	1	5	335	0.29	Diesel
315	Intakes	Cranes	1	1	66	0.29	Diesel
315	Intakes	Crawler Tractors	1	9	145	0.43	Diesel
315	Intakes	Off-Highway Trucks	1	17	375	0.38	Diesel
315	Intakes	Pumps	1	9	60	0.74	Diesel
315	Intakes	Rubber Tired Loaders	1	9	160	0.36	Diesel
315	Intakes	Tractors/Loaders/Backhoes	1	9	101	0.37	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
317	Intakes	Air Compressors	1	5	115	0.48	Diesel
317	Intakes	Air Compressors	2	7	310	0.48	Diesel
317	Intakes	Cranes	3	9	240	0.29	Diesel
317	Intakes	Generator Sets	4	8	12	0.74	Diesel
317	Intakes	Generator Sets	1	5	23	0.74	Diesel
317	Intakes	Pumps	2	5	210	0.74	Diesel
317	Intakes	Welders	1	5	48	0.45	Diesel
319	Intakes	Cranes	7	10	240	0.29	Diesel
319	Intakes	Cranes	7	10	335	0.29	Diesel
319	Intakes	Pumps	1	9	85	0.74	Diesel
321	Intakes	Air Compressors	2	9	310	0.48	Diesel
321	Intakes	Cranes	1	9	240	0.29	Diesel
321	Intakes	Cranes	4	9	335	0.29	Diesel
321	Intakes	Generator Sets	1	9	107	0.74	Diesel
321	Intakes	Pumps	1	3	210	0.74	Diesel
321	Intakes	Welders	1	9	48	0.45	Diesel
323	Intakes	Cranes	1	4	160	0.29	Diesel
323	Intakes	Cranes	5	9	335	0.29	Diesel
325	Intakes	Air Compressors	3	9	80	0.48	Diesel
325	Intakes	Cranes	1	2	240	0.29	Diesel
325	Intakes	Cranes	1	4	335	0.29	Diesel
325	Intakes	Cranes	1	0	335	0.29	Diesel
325	Intakes	Welders	6	9	48	0.45	Diesel
327	Intakes	Air Compressors	3	8	80	0.48	Diesel
327	Intakes	Air Compressors	1	2	115	0.48	Diesel
327	Intakes	Cranes	1	0	160	0.29	Diesel
327	Intakes	Cranes	1	0	240	0.29	Diesel
327	Intakes	Cranes	1	4	335	0.29	Diesel
327	Intakes	Cranes	1	1	335	0.29	Diesel
327	Intakes	Cranes	2	6	66	0.29	Diesel
327	Intakes	Crawler Tractors	1	0	70	0.43	Diesel
327	Intakes	Generator Sets	1	0	107	0.74	Diesel
327	Intakes	Off-Highway Trucks	1	0	375	0.38	Diesel
327	Intakes	Rollers	1	0	150	0.38	Diesel
327	Intakes	Rubber Tired Loaders	1	0	197	0.36	Diesel
327	Intakes	Welders	1	2	48	0.45	Diesel
329	Intakes	Air Compressors	1	6	115	0.48	Diesel
329	Intakes	Cranes	1	6	375	0.29	Diesel
329	Intakes	Cranes	2	5	66	0.29	Diesel
329	Intakes	Crawler Tractors	1	4	24	0.43	Diesel
329	Intakes	Excavators	1	6	163	0.38	Diesel
329	Intakes	Generator Sets	2	9	12	0.74	Diesel
329	Intakes	Generator Sets	1	6	23	0.74	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
329	Intakes	Other construction equipment	1	6	325	0.42	Diesel
329	Intakes	Pumps	1	4	16	0.74	Diesel
329	Intakes	Rubber Tired Loaders	1	6	160	0.36	Diesel
329	Intakes	Welders	1	6	48	0.45	Diesel
351	Intakes	Bore/Drill Rigs	1	3	206	0.5	Diesel
353	Intakes	Crawler Tractors	5	8	310	0.43	Diesel
353	Intakes	Excavators	5	8	908	0.38	Diesel
353	Intakes	Graders	5	9	215	0.41	Diesel
353	Intakes	Off-Highway Trucks	1	2	489	0.38	Diesel
353	Intakes	Off-Highway Trucks	17	10	650	0.38	Diesel
353	Intakes	Pumps	1	1	60	0.74	Diesel
353	Intakes	Rollers	1	1	150	0.38	Diesel
353	Intakes	Rubber Tired Loaders	1	1	800	0.36	Diesel
353	Intakes	Scrapers	1	1	500	0.48	Diesel
354	Intakes	Crawler Tractors	1	2	145	0.43	Diesel
354	Intakes	Graders	2	10	215	0.41	Diesel
354	Intakes	Pavers	1	7	224	0.42	Diesel
354	Intakes	Pumps	1	6	60	0.74	Diesel
354	Intakes	Rollers	1	7	110	0.38	Diesel
354	Intakes	Rollers	1	7	131	0.38	Diesel
354	Intakes	Rollers	1	10	150	0.38	Diesel
354	Intakes	Rubber Tired Loaders	1	6	501	0.36	Diesel
354	Intakes	Scrapers	1	4	175	0.48	Diesel
354	Intakes	Scrapers	1	6	500	0.48	Diesel
354	Intakes	Tractors/Loaders/Backhoes	1	7	87	0.37	Diesel
355	Intakes	Air Compressors	1	4	115	0.48	Diesel
355	Intakes	Cranes	2	6	240	0.29	Diesel
355	Intakes	Cranes	2	9	335	0.29	Diesel
355	Intakes	Crawler Tractors	1	10	242	0.43	Diesel
355	Intakes	Excavators	1	4	384	0.38	Diesel
355	Intakes	Off-Highway Trucks	2	6	452	0.38	Diesel
355	Intakes	Other Construction Equipment	1	10	92	0.42	Diesel
355	Intakes	Pumps	1	4	210	0.74	Diesel
355	Intakes	Rollers	1	4	18	0.38	Diesel
357	Intakes	Air Compressors	2	10	310	0.48	Diesel
357	Intakes	Cranes	1	10	240	0.29	Diesel
357	Intakes	Cranes	5	10	335	0.29	Diesel
357	Intakes	Generator Sets	1	10	107	0.74	Diesel
357	Intakes	Pumps	1	6	210	0.74	Diesel
357	Intakes	Welders	1	10	48	0.45	Diesel
359	Intakes	Cranes	4	9	240	0.29	Diesel
359	Intakes	Cranes	3	7	275	0.29	Diesel
359	Intakes	Cranes	1	2	335	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
361	Intakes	Air Compressors	1	4	115	0.48	Diesel
361	Intakes	Cranes	1	3	275	0.29	Diesel
361	Intakes	Cranes	1	4	335	0.29	Diesel
361	Intakes	Cranes	1	1	335	0.29	Diesel
361	Intakes	Cranes	5	9	66	0.29	Diesel
361	Intakes	Crawler Tractors	1	9	24	0.43	Diesel
361	Intakes	Pumps	1	9	16	0.74	Diesel
361	Intakes	Welders	4	8	48	0.45	Diesel
365	Intakes	Cranes	1	3	100	0.29	Diesel
365	Intakes	Cranes	1	1	240	0.29	Diesel
365	Intakes	Cranes	2	6	335	0.29	Diesel
365	Intakes	Crawler Tractors	1	1	24	0.43	Diesel
365	Intakes	Crawler Tractors	1	1	310	0.43	Diesel
365	Intakes	Excavators	1	3	315	0.38	Diesel
365	Intakes	Excavators	1	1	384	0.38	Diesel
365	Intakes	Generator Sets	1	6	107	0.74	Diesel
365	Intakes	Off-Highway Trucks	2	6	452	0.38	Diesel
365	Intakes	Other construction equipment	1	5	325	0.42	Diesel
365	Intakes	Plate Compactors	1	2	8	0.43	Diesel
365	Intakes	Rollers	1	1	240	0.38	Diesel
365	Intakes	Rollers	1	1	150	0.38	Diesel
365	Intakes	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
365	Intakes	Welders	1	6	48	0.45	Diesel
367	Intakes	Air Compressors	1	10	310	0.48	Diesel
367	Intakes	Cranes	1	9	100	0.29	Diesel
367	Intakes	Cranes	2	10	200	0.29	Diesel
367	Intakes	Generator Sets	1	10	143	0.74	Diesel
367	Intakes	Generator Sets	2	9	107	0.74	Diesel
367	Intakes	Pumps	1	10	80	0.74	Diesel
367	Intakes	Welders	2	9	48	0.45	Diesel
369	Intakes	Cranes	1	1	240	0.29	Diesel
369	Intakes	Cranes	1	1	66	0.29	Diesel
371	Intakes	Crawler Tractors	1	2	24	0.43	Diesel
371	Intakes	Crawler Tractors	1	0	70	0.43	Diesel
371	Intakes	Crawler Tractors	2	9	145	0.43	Diesel
371	Intakes	Crawler Tractors	1	0	410	0.43	Diesel
371	Intakes	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
371	Intakes	Excavators	1	0	128	0.38	Diesel
371	Intakes	Excavators	1	9	384	0.38	Diesel
371	Intakes	Generator Sets	1	0	12	0.74	Diesel
371	Intakes	Graders	1	4	215	0.41	Diesel
371	Intakes	Off-Highway Trucks	1	5	375	0.38	Diesel
371	Intakes	Pumps	1	1	16	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
371	Intakes	Rollers	1	0	240	0.38	Diesel
371	Intakes	Rollers	1	6	315	0.38	Diesel
371	Intakes	Rollers	1	0	150	0.38	Diesel
371	Intakes	Scrapers	1	2	450	0.48	Diesel
371	Intakes	Tractors/Loaders/Backhoes	1	1	87	0.37	Diesel
501	Intakes	Air Compressors	2	8	115	0.48	Diesel
501	Intakes	Cranes	2	8	240	0.29	Diesel
501	Intakes	Cranes	2	8	375	0.29	Diesel
501	Intakes	Cranes	2	8	66	0.29	Diesel
501	Intakes	Generator Sets	4	8	12	0.74	Diesel
501	Intakes	Generator Sets	2	8	23	0.74	Diesel
501	Intakes	Other construction equipment	2	8	325	0.42	Diesel
501	Intakes	Welders	2	8	48	0.45	Diesel
503	Intakes	Air Compressors	1	6	80	0.48	Diesel
503	Intakes	Cranes	1	6	160	0.29	Diesel
503	Intakes	Cranes	1	2	240	0.29	Diesel
503	Intakes	Cranes	1	0	335	0.29	Diesel
503	Intakes	Cranes	1	6	66	0.29	Diesel
503	Intakes	Crawler Tractors	1	0	242	0.43	Diesel
503	Intakes	Crawler Tractors	1	1	70	0.43	Diesel
503	Intakes	Crawler Tractors	1	0	145	0.43	Diesel
503	Intakes	Excavators	1	0	384	0.38	Diesel
503	Intakes	Generator Sets	1	1	107	0.74	Diesel
503	Intakes	Graders	1	0	158	0.41	Diesel
503	Intakes	Off-Highway Trucks	1	2	375	0.38	Diesel
503	Intakes	Off-Highway Trucks	1	1	452	0.38	Diesel
503	Intakes	Other Construction Equipment	1	0	92	0.42	Diesel
503	Intakes	Plate Compactors	1	5	8	0.43	Diesel
503	Intakes	Rollers	1	1	150	0.38	Diesel
503	Intakes	Rubber Tired Loaders	2	6	197	0.36	Diesel
503	Intakes	Tractors/Loaders/Backhoes	2	5	101	0.37	Diesel
503	Intakes	Welders	1	1	48	0.45	Diesel
505	Intakes	Bore/Drill Rigs	4	8	210	0.5	Diesel
505	Intakes	Cranes	4	8	160	0.29	Diesel
505	Intakes	Cranes	1	8	275	0.29	Diesel
505	Intakes	Crawler Tractors	1	1	70	0.43	Diesel
505	Intakes	Crawler Tractors	2	9	145	0.43	Diesel
505	Intakes	Crawler Tractors	1	0	410	0.43	Diesel
505	Intakes	Excavators	1	8	315	0.38	Diesel
505	Intakes	Excavators	1	2	384	0.38	Diesel
505	Intakes	Gas Pump	1	3	2	0.69	Gasoline
505	Intakes	Generator Sets	1	1	12	0.74	Diesel
505	Intakes	Graders	1	0	158	0.41	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
505	Intakes	Graders	1	4	215	0.41	Diesel
505	Intakes	Off-Highway Trucks	3	9	375	0.38	Diesel
505	Intakes	Off-Highway Trucks	1	2	452	0.38	Diesel
505	Intakes	Pumps	1	1	16	0.74	Diesel
505	Intakes	Pumps	1	8	60	0.74	Diesel
505	Intakes	Rollers	1	0	240	0.38	Diesel
505	Intakes	Rollers	1	5	315	0.38	Diesel
505	Intakes	Rollers	1	1	150	0.38	Diesel
505	Intakes	Rubber Tired Loaders	1	8	211	0.36	Diesel
505	Intakes	Rubber Tired Loaders	1	8	160	0.36	Diesel
505	Intakes	Rubber Tired Loaders	1	0	501	0.36	Diesel
505	Intakes	Rubber Tired Loaders	1	0	145	0.36	Diesel
505	Intakes	Scrapers	1	1	450	0.48	Diesel
505	Intakes	Scrapers	1	0	500	0.48	Diesel
505	Intakes	Tractors/Loaders/Backhoes	5	8	101	0.37	Diesel
506	Intakes	Air Compressors	1	4	115	0.48	Diesel
506	Intakes	Air Compressors	4	9	310	0.48	Diesel
506	Intakes	Cranes	3	9	240	0.29	Diesel
506	Intakes	Cranes	9	9	335	0.29	Diesel
506	Intakes	Cranes	1	4	375	0.29	Diesel
506	Intakes	Crawler Tractors	1	4	242	0.43	Diesel
506	Intakes	Excavators	1	0	128	0.38	Diesel
506	Intakes	Excavators	1	1	315	0.38	Diesel
506	Intakes	Generator Sets	1	4	23	0.74	Diesel
506	Intakes	Generator Sets	2	9	107	0.74	Diesel
506	Intakes	Other Construction Equipment	1	8	92	0.42	Diesel
506	Intakes	Other construction equipment	1	4	325	0.42	Diesel
506	Intakes	Plate Compactors	1	0	8	0.43	Diesel
506	Intakes	Pumps	1	7	210	0.74	Diesel
506	Intakes	Pumps	1	0	60	0.74	Diesel
506	Intakes	Welders	3	7	48	0.45	Diesel
507	Intakes	Air Compressors	2	16	115	0.48	Diesel
507	Intakes	Cranes	2	11	240	0.29	Diesel
507	Intakes	Cranes	2	16	375	0.29	Diesel
507	Intakes	Cranes	2	16	66	0.29	Diesel
507	Intakes	Generator Sets	2	15	12	0.74	Diesel
507	Intakes	Generator Sets	2	16	23	0.74	Diesel
507	Intakes	Other construction equipment	2	15	325	0.42	Diesel
507	Intakes	Welders	2	16	48	0.45	Diesel
509	Intakes	Crawler Tractors	1	3	24	0.43	Diesel
509	Intakes	Crawler Tractors	1	3	70	0.43	Diesel
509	Intakes	Crawler Tractors	9	9	145	0.43	Diesel
509	Intakes	Crawler Tractors	1	2	410	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
509	Intakes	Crushing/Proc. Equipment	1	1	85	0.78	Diesel
509	Intakes	Excavators	1	1	128	0.38	Diesel
509	Intakes	Excavators	5	9	384	0.38	Diesel
509	Intakes	Generator Sets	1	1	12	0.74	Diesel
509	Intakes	Graders	3	7	215	0.41	Diesel
509	Intakes	Off-Highway Trucks	3	9	375	0.38	Diesel
509	Intakes	Off-Highway Trucks	18	10	489	0.38	Diesel
509	Intakes	Pavers	1	0	224	0.42	Diesel
509	Intakes	Pavers	1	3	230	0.42	Diesel
509	Intakes	Pavers	1	3	92	0.42	Diesel
509	Intakes	Plate Compactors	1	2	8	0.43	Diesel
509	Intakes	Pumps	1	8	16	0.74	Diesel
509	Intakes	Rollers	1	0	110	0.38	Diesel
509	Intakes	Rollers	1	0	131	0.38	Diesel
509	Intakes	Rollers	1	1	240	0.38	Diesel
509	Intakes	Rollers	3	10	315	0.38	Diesel
509	Intakes	Rollers	1	7	150	0.38	Diesel
509	Intakes	Rollers	1	3	18	0.38	Diesel
509	Intakes	Rubber Tired Loaders	1	6	197	0.36	Diesel
509	Intakes	Rubber Tired Loaders	1	2	211	0.36	Diesel
509	Intakes	Scrapers	1	7	450	0.48	Diesel
509	Intakes	Tractors/Loaders/Backhoes	1	4	87	0.37	Diesel
509	Intakes	Tractors/Loaders/Backhoes	1	6	101	0.37	Diesel
511	Intakes	Air Compressors	1	1	80	0.48	Diesel
511	Intakes	Cement and Mortar Mixers	2	16	18	0.56	Diesel
511	Intakes	Cranes	2	16	100	0.29	Diesel
511	Intakes	Cranes	1	1	66	0.29	Diesel
511	Intakes	Pumps	2	16	215	0.74	Diesel
511	Intakes	Tractors/Loaders/Backhoes	2	16	101	0.37	Diesel
513	Intakes	Cranes	3	7	375	0.29	Diesel
513	Intakes	Crawler Tractors	1	5	145	0.43	Diesel
513	Intakes	Crawler Tractors	2	6	310	0.43	Diesel
513	Intakes	Excavators	1	2	523	0.38	Diesel
513	Intakes	Graders	1	1	215	0.41	Diesel
513	Intakes	Off-Highway Trucks	1	10	489	0.38	Diesel
513	Intakes	Off-Highway Trucks	7	9	650	0.38	Diesel
513	Intakes	Rollers	1	5	240	0.38	Diesel
515	Intakes	Air Compressors	1	1	80	0.48	Diesel
515	Intakes	Air Compressors	1	7	115	0.48	Diesel
515	Intakes	Bore/Drill Rigs	1	7	484	0.5	Diesel
515	Intakes	Cranes	1	7	100	0.29	Diesel
515	Intakes	Cranes	1	2	240	0.29	Diesel
515	Intakes	Cranes	1	5	335	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
515	Intakes	Cranes	1	0	66	0.29	Diesel
515	Intakes	Crawler Tractors	1	7	145	0.43	Diesel
515	Intakes	Off-Highway Trucks	1	14	375	0.38	Diesel
515	Intakes	Pumps	1	7	60	0.74	Diesel
515	Intakes	Rubber Tired Loaders	1	7	160	0.36	Diesel
515	Intakes	Tractors/Loaders/Backhoes	1	7	101	0.37	Diesel
517	Intakes	Air Compressors	1	8	115	0.48	Diesel
517	Intakes	Air Compressors	2	8	310	0.48	Diesel
517	Intakes	Cranes	4	10	240	0.29	Diesel
517	Intakes	Generator Sets	5	10	12	0.74	Diesel
517	Intakes	Generator Sets	1	8	23	0.74	Diesel
517	Intakes	Pumps	2	8	210	0.74	Diesel
517	Intakes	Welders	1	8	48	0.45	Diesel
519	Intakes	Cranes	11	9	240	0.29	Diesel
519	Intakes	Cranes	11	9	335	0.29	Diesel
519	Intakes	Pumps	2	5	85	0.74	Diesel
521	Intakes	Air Compressors	2	10	310	0.48	Diesel
521	Intakes	Cranes	1	10	240	0.29	Diesel
521	Intakes	Cranes	4	10	335	0.29	Diesel
521	Intakes	Generator Sets	1	10	107	0.74	Diesel
521	Intakes	Pumps	1	3	210	0.74	Diesel
521	Intakes	Welders	1	10	48	0.45	Diesel
523	Intakes	Cranes	1	4	160	0.29	Diesel
523	Intakes	Cranes	5	8	335	0.29	Diesel
525	Intakes	Air Compressors	2	9	80	0.48	Diesel
525	Intakes	Cranes	1	1	240	0.29	Diesel
525	Intakes	Cranes	1	2	335	0.29	Diesel
525	Intakes	Cranes	1	0	335	0.29	Diesel
525	Intakes	Welders	4	9	48	0.45	Diesel
527	Intakes	Air Compressors	3	10	80	0.48	Diesel
527	Intakes	Air Compressors	1	3	115	0.48	Diesel
527	Intakes	Cranes	1	0	160	0.29	Diesel
527	Intakes	Cranes	1	0	240	0.29	Diesel
527	Intakes	Cranes	1	4	335	0.29	Diesel
527	Intakes	Cranes	1	1	335	0.29	Diesel
527	Intakes	Cranes	2	6	66	0.29	Diesel
527	Intakes	Crawler Tractors	1	0	70	0.43	Diesel
527	Intakes	Generator Sets	1	0	107	0.74	Diesel
527	Intakes	Off-Highway Trucks	1	0	375	0.38	Diesel
527	Intakes	Rollers	1	0	150	0.38	Diesel
527	Intakes	Rubber Tired Loaders	1	0	197	0.36	Diesel
527	Intakes	Welders	1	3	48	0.45	Diesel
529	Intakes	Air Compressors	1	4	115	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
529	Intakes	Cranes	1	4	375	0.29	Diesel
529	Intakes	Cranes	1	8	66	0.29	Diesel
529	Intakes	Crawler Tractors	1	4	24	0.43	Diesel
529	Intakes	Excavators	1	8	163	0.38	Diesel
529	Intakes	Generator Sets	2	5	12	0.74	Diesel
529	Intakes	Generator Sets	1	4	23	0.74	Diesel
529	Intakes	Other construction equipment	1	4	325	0.42	Diesel
529	Intakes	Pumps	1	4	16	0.74	Diesel
529	Intakes	Rubber Tired Loaders	1	8	160	0.36	Diesel
529	Intakes	Welders	1	4	48	0.45	Diesel
551	Intakes	Bore/Drill Rigs	1	4	206	0.5	Diesel
553	Intakes	Crawler Tractors	3	7	310	0.43	Diesel
553	Intakes	Excavators	3	7	908	0.38	Diesel
553	Intakes	Graders	3	7	215	0.41	Diesel
553	Intakes	Off-Highway Trucks	1	1	489	0.38	Diesel
553	Intakes	Off-Highway Trucks	9	9	650	0.38	Diesel
553	Intakes	Pumps	1	1	60	0.74	Diesel
553	Intakes	Rollers	1	1	150	0.38	Diesel
553	Intakes	Rubber Tired Loaders	1	1	800	0.36	Diesel
553	Intakes	Scrapers	1	1	500	0.48	Diesel
554	Intakes	Crawler Tractors	1	3	145	0.43	Diesel
554	Intakes	Graders	4	9	215	0.41	Diesel
554	Intakes	Pavers	2	6	224	0.42	Diesel
554	Intakes	Pumps	2	5	60	0.74	Diesel
554	Intakes	Rollers	2	6	110	0.38	Diesel
554	Intakes	Rollers	2	6	131	0.38	Diesel
554	Intakes	Rollers	2	9	150	0.38	Diesel
554	Intakes	Rubber Tired Loaders	2	5	501	0.36	Diesel
554	Intakes	Scrapers	1	8	175	0.48	Diesel
554	Intakes	Scrapers	2	5	500	0.48	Diesel
554	Intakes	Tractors/Loaders/Backhoes	2	6	87	0.37	Diesel
555	Intakes	Air Compressors	1	4	115	0.48	Diesel
555	Intakes	Cranes	2	6	240	0.29	Diesel
555	Intakes	Cranes	2	9	335	0.29	Diesel
555	Intakes	Crawler Tractors	1	10	242	0.43	Diesel
555	Intakes	Excavators	1	4	384	0.38	Diesel
555	Intakes	Off-Highway Trucks	2	6	452	0.38	Diesel
555	Intakes	Other Construction Equipment	1	10	92	0.42	Diesel
555	Intakes	Pumps	1	4	210	0.74	Diesel
555	Intakes	Rollers	1	4	18	0.38	Diesel
557	Intakes	Air Compressors	2	8	310	0.48	Diesel
557	Intakes	Cranes	1	8	240	0.29	Diesel
557	Intakes	Cranes	5	8	335	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
557	Intakes	Generator Sets	1	8	107	0.74	Diesel
557	Intakes	Pumps	1	5	210	0.74	Diesel
557	Intakes	Welders	1	8	48	0.45	Diesel
559	Intakes	Cranes	4	9	240	0.29	Diesel
559	Intakes	Cranes	3	7	275	0.29	Diesel
559	Intakes	Cranes	1	2	335	0.29	Diesel
561	Intakes	Air Compressors	1	2	115	0.48	Diesel
561	Intakes	Cranes	1	1	275	0.29	Diesel
561	Intakes	Cranes	1	2	335	0.29	Diesel
561	Intakes	Cranes	1	0	335	0.29	Diesel
561	Intakes	Cranes	2	8	66	0.29	Diesel
561	Intakes	Crawler Tractors	1	3	24	0.43	Diesel
561	Intakes	Pumps	1	3	16	0.74	Diesel
561	Intakes	Welders	2	6	48	0.45	Diesel
7004	Intermediate Forebay	Cranes	1	3	240	0.29	Diesel
7004	Intermediate Forebay	Cranes	1	3	335	0.29	Diesel
7004	Intermediate Forebay	Crawler Tractors	1	0	70	0.43	Diesel
7004	Intermediate Forebay	Crawler Tractors	1	2	145	0.43	Diesel
7004	Intermediate Forebay	Crawler Tractors	1	2	410	0.43	Diesel
7004	Intermediate Forebay	Excavators	1	0	315	0.38	Diesel
7004	Intermediate Forebay	Generator Sets	1	9	12	0.74	Diesel
7004	Intermediate Forebay	Graders	1	0	158	0.41	Diesel
7004	Intermediate Forebay	Graders	1	2	215	0.41	Diesel
7004	Intermediate Forebay	Off-Highway Trucks	1	0	452	0.38	Diesel
7004	Intermediate Forebay	Pumps	1	0	16	0.74	Diesel
7004	Intermediate Forebay	Rollers	1	0	18	0.38	Diesel
7004	Intermediate Forebay	Rollers	1	2	240	0.38	Diesel
7004	Intermediate Forebay	Rollers	1	1	150	0.38	Diesel
7004	Intermediate Forebay	Rubber Tired Loaders	1	1	211	0.36	Diesel
7004	Intermediate Forebay	Scrapers	1	7	450	0.48	Diesel
7004	Intermediate Forebay	Scrapers	1	1	500	0.48	Diesel
7004	Intermediate Forebay	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
7005	Intermediate Forebay	Air Compressors	2	6	80	0.48	Diesel
7005	Intermediate Forebay	Cranes	1	1	240	0.29	Diesel
7005	Intermediate Forebay	Cranes	1	6	275	0.29	Diesel
7005	Intermediate Forebay	Cranes	1	1	160	0.29	Diesel
7005	Intermediate Forebay	Cranes	1	6	66	0.29	Diesel
7005	Intermediate Forebay	Crawler Tractors	1	0	70	0.43	Diesel
7005	Intermediate Forebay	Crawler Tractors	1	0	145	0.43	Diesel
7005	Intermediate Forebay	Generator Sets	1	0	107	0.74	Diesel
7005	Intermediate Forebay	Graders	1	0	215	0.41	Diesel
7005	Intermediate Forebay	Off-Highway Trucks	1	1	375	0.38	Diesel
7005	Intermediate Forebay	Plate Compactors	1	2	8	0.43	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7005	Intermediate Forebay	Pumps	1	0	16	0.74	Diesel
7005	Intermediate Forebay	Rollers	1	1	150	0.38	Diesel
7005	Intermediate Forebay	Rubber Tired Loaders	1	4	197	0.36	Diesel
7005	Intermediate Forebay	Scrapers	1	1	175	0.48	Diesel
7005	Intermediate Forebay	Tractors/Loaders/Backhoes	1	3	101	0.37	Diesel
7005	Intermediate Forebay	Welders	1	0	48	0.45	Diesel
7006	Intermediate Forebay	Crawler Tractors	1	1	24	0.43	Diesel
7006	Intermediate Forebay	Generator Sets	1	1	713	0.74	Diesel
7006	Intermediate Forebay	Rubber Tired Loaders	1	2	211	0.36	Diesel
7006	Intermediate Forebay	Welders	1	0	48	0.45	Diesel
7007	Intermediate Forebay	Graders	1	0	158	0.41	Diesel
7007	Intermediate Forebay	Rollers	1	0	150	0.38	Diesel
7007	Intermediate Forebay	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
7010	Intermediate Forebay	Air Compressors	1	2	115	0.48	Diesel
7010	Intermediate Forebay	Cranes	1	2	240	0.29	Diesel
7010	Intermediate Forebay	Cranes	1	4	275	0.29	Diesel
7010	Intermediate Forebay	Cranes	1	2	335	0.29	Diesel
7010	Intermediate Forebay	Cranes	1	2	66	0.29	Diesel
7010	Intermediate Forebay	Crawler Tractors	1	0	70	0.43	Diesel
7010	Intermediate Forebay	Crawler Tractors	2	8	145	0.43	Diesel
7010	Intermediate Forebay	Crawler Tractors	3	10	310	0.43	Diesel
7010	Intermediate Forebay	Excavators	1	4	523	0.38	Diesel
7010	Intermediate Forebay	Excavators	1	0	315	0.38	Diesel
7010	Intermediate Forebay	Excavators	1	9	384	0.38	Diesel
7010	Intermediate Forebay	Excavators	2	7	908	0.38	Diesel
7010	Intermediate Forebay	Excavators	1	2	163	0.38	Diesel
7010	Intermediate Forebay	Gas Pump	1	2	2	0.69	Gasoline
7010	Intermediate Forebay	Generator Sets	1	2	23	0.74	Diesel
7010	Intermediate Forebay	Generator Sets	10	9	12	0.74	Diesel
7010	Intermediate Forebay	Graders	3	10	215	0.41	Diesel
7010	Intermediate Forebay	Off-Highway Trucks	1	2	650	0.38	Diesel
7010	Intermediate Forebay	Off-Highway Trucks	6	10	1,000	0.38	Diesel
7010	Intermediate Forebay	Off-Highway Trucks	2	7	375	0.38	Diesel
7010	Intermediate Forebay	Off-Highway Trucks	3	8	489	0.38	Diesel
7010	Intermediate Forebay	Off-Highway Trucks	1	0	489	0.38	Diesel
7010	Intermediate Forebay	Other construction equipment	1	2	325	0.42	Diesel
7010	Intermediate Forebay	Pumps	1	2	16	0.74	Diesel
7010	Intermediate Forebay	Pumps	1	4	60	0.74	Diesel
7010	Intermediate Forebay	Rollers	2	8	315	0.38	Diesel
7010	Intermediate Forebay	Rollers	1	2	150	0.38	Diesel
7010	Intermediate Forebay	Rubber Tired Loaders	1	8	160	0.36	Diesel
7010	Intermediate Forebay	Rubber Tired Loaders	1	0	145	0.36	Diesel
7010	Intermediate Forebay	Rubber Tired Loaders	1	0	250	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7010	Intermediate Forebay	Scrapers	1	1	175	0.48	Diesel
7010	Intermediate Forebay	Scrapers	1	1	450	0.48	Diesel
7010	Intermediate Forebay	Scrapers	1	6	500	0.48	Diesel
7010	Intermediate Forebay	Tractors/Loaders/Backhoes	1	4	101	0.37	Diesel
7010	Intermediate Forebay	Welders	1	2	48	0.45	Diesel
7020	Intermediate Forebay	Bore/Drill Rigs	1	2	206	0.5	Diesel
7020	Intermediate Forebay	Crawler Tractors	1	0	145	0.43	Diesel
7020	Intermediate Forebay	Excavators	1	0	384	0.38	Diesel
7020	Intermediate Forebay	Graders	1	0	158	0.41	Diesel
7020	Intermediate Forebay	Off-Highway Trucks	1	1	489	0.38	Diesel
7022	Intermediate Forebay	Bore/Drill Rigs	1	9	210	0.5	Diesel
7022	Intermediate Forebay	Cranes	1	9	160	0.29	Diesel
7022	Intermediate Forebay	Tractors/Loaders/Backhoes	1	9	101	0.37	Diesel
7035	Intermediate Forebay	Air Compressors	1	2	500	0.48	Diesel
7035	Intermediate Forebay	Cranes	1	1	275	0.29	Diesel
7035	Intermediate Forebay	Cranes	1	2	375	0.29	Diesel
7035	Intermediate Forebay	Generator Sets	1	2	143	0.74	Diesel
7035	Intermediate Forebay	Pumps	1	3	80	0.74	Diesel
7035	Intermediate Forebay	Pumps	1	3	210	0.74	Diesel
7035	Intermediate Forebay	Welders	1	4	48	0.45	Diesel
7040	Intermediate Forebay	Air Compressors	1	0	115	0.48	Diesel
7040	Intermediate Forebay	Cranes	1	4	275	0.29	Diesel
7040	Intermediate Forebay	Cranes	1	0	335	0.29	Diesel
7040	Intermediate Forebay	Welders	1	0	48	0.45	Diesel
7050	Intermediate Forebay	Bore/Drill Rigs	1	2	206	0.5	Diesel
7050	Intermediate Forebay	Crawler Tractors	1	1	145	0.43	Diesel
7050	Intermediate Forebay	Excavators	1	1	384	0.38	Diesel
7050	Intermediate Forebay	Graders	1	0	158	0.41	Diesel
7050	Intermediate Forebay	Off-Highway Trucks	1	3	489	0.38	Diesel
7052	Intermediate Forebay	Bore/Drill Rigs	2	5	210	0.5	Diesel
7052	Intermediate Forebay	Cranes	2	5	160	0.29	Diesel
7052	Intermediate Forebay	Tractors/Loaders/Backhoes	2	5	101	0.37	Diesel
7065	Intermediate Forebay	Air Compressors	1	1	500	0.48	Diesel
7065	Intermediate Forebay	Cranes	1	1	275	0.29	Diesel
7065	Intermediate Forebay	Cranes	1	1	375	0.29	Diesel
7065	Intermediate Forebay	Generator Sets	1	1	143	0.74	Diesel
7065	Intermediate Forebay	Pumps	1	2	80	0.74	Diesel
7065	Intermediate Forebay	Pumps	1	2	210	0.74	Diesel
7065	Intermediate Forebay	Welders	1	2	48	0.45	Diesel
7070	Intermediate Forebay	Air Compressors	1	0	115	0.48	Diesel
7070	Intermediate Forebay	Cranes	1	4	275	0.29	Diesel
7070	Intermediate Forebay	Cranes	1	0	335	0.29	Diesel
7070	Intermediate Forebay	Welders	1	0	48	0.45	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
9999	Permeant Power	Cranes	1	8	285	0.29	Diesel
1020	Reach 7/Combined Pump Plant	Cranes	1	8	175	0.29	Diesel
1030	Reach 7/Combined Pump Plant	Air Compressors	1	8	80	0.48	Diesel
1030	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	1	13	18	0.56	Diesel
1030	Reach 7/Combined Pump Plant	Cranes	1	13	100	0.29	Diesel
1030	Reach 7/Combined Pump Plant	Cranes	1	20	240	0.29	Diesel
1030	Reach 7/Combined Pump Plant	Cranes	1	20	275	0.29	Diesel
1030	Reach 7/Combined Pump Plant	Cranes	1	19	335	0.29	Diesel
1030	Reach 7/Combined Pump Plant	Cranes	2	17	335	0.29	Diesel
1030	Reach 7/Combined Pump Plant	Cranes	1	4	66	0.29	Diesel
1030	Reach 7/Combined Pump Plant	Crawler Tractors	1	20	145	0.43	Diesel
1030	Reach 7/Combined Pump Plant	Off-Highway Trucks	4	20	375	0.38	Diesel
1030	Reach 7/Combined Pump Plant	Pumps	1	13	215	0.74	Diesel
1030	Reach 7/Combined Pump Plant	Pumps	1	20	60	0.74	Diesel
1030	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	20	160	0.36	Diesel
1030	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	16	101	0.37	Diesel
1040	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1040	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	24	200	0.36	Diesel
1050	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1060	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1090	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1100	Reach 7/Combined Pump Plant	Cranes	29	24	360	0.29	Diesel
1140	Reach 7/Combined Pump Plant	Air Compressors	1	2	80	0.48	Diesel
1140	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	1	19	18	0.56	Diesel
1140	Reach 7/Combined Pump Plant	Cranes	1	19	100	0.29	Diesel
1140	Reach 7/Combined Pump Plant	Cranes	1	1	66	0.29	Diesel
1140	Reach 7/Combined Pump Plant	Pumps	1	19	215	0.74	Diesel
1140	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	19	101	0.37	Diesel
1150	Reach 7/Combined Pump Plant	Cranes	1	3	360	0.29	Diesel
1150	Reach 7/Combined Pump Plant	Cranes	1	3	175	0.29	Diesel
1150	Reach 7/Combined Pump Plant	Crawler Tractors	1	3	335	0.43	Diesel
1150	Reach 7/Combined Pump Plant	Excavators	1	3	165	0.38	Diesel
1150	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	3	100	0.36	Diesel
1150	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	3	375	0.36	Diesel
1150	Reach 7/Combined Pump Plant	Welders	1	24	46	0.45	Diesel
1280	Reach 7/Combined Pump Plant	Cranes	2	13	360	0.29	Diesel
1280	Reach 7/Combined Pump Plant	Rubber Tired Loaders	2	12	375	0.36	Diesel
1280	Reach 7/Combined Pump Plant	Welders	2	12	46	0.45	Diesel
1290	Reach 7/Combined Pump Plant	Cranes	1	22	360	0.29	Diesel
1300	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1320	Reach 7/Combined Pump Plant	Cranes	1	21	360	0.29	Diesel
1330	Reach 7/Combined Pump Plant	Cranes	1	8	360	0.29	Diesel
1340	Reach 7/Combined Pump Plant	Cranes	2	19	360	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1340	Reach 7/Combined Pump Plant	Crawler Tractors	2	24	110	0.43	Diesel
1340	Reach 7/Combined Pump Plant	Excavators	2	24	165	0.38	Diesel
1340	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	24	200	0.36	Diesel
1360	Reach 7/Combined Pump Plant	Cranes	1	22	360	0.29	Diesel
1370	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1380	Reach 7/Combined Pump Plant	Cranes	1	8	360	0.29	Diesel
1480	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1480	Reach 7/Combined Pump Plant	Crawler Tractors	2	23	82	0.43	Diesel
1480	Reach 7/Combined Pump Plant	Excavators	1	23	165	0.38	Diesel
1480	Reach 7/Combined Pump Plant	Other construction equipment	2	23	6	0.42	Diesel
1480	Reach 7/Combined Pump Plant	Rollers	1	23	240	0.38	Diesel
1510	Reach 7/Combined Pump Plant	Cranes	1	8	175	0.29	Diesel
1520	Reach 7/Combined Pump Plant	Air Compressors	1	8	80	0.48	Diesel
1520	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	1	13	18	0.56	Diesel
1520	Reach 7/Combined Pump Plant	Cranes	1	13	100	0.29	Diesel
1520	Reach 7/Combined Pump Plant	Cranes	1	20	240	0.29	Diesel
1520	Reach 7/Combined Pump Plant	Cranes	1	20	275	0.29	Diesel
1520	Reach 7/Combined Pump Plant	Cranes	1	19	335	0.29	Diesel
1520	Reach 7/Combined Pump Plant	Cranes	2	17	335	0.29	Diesel
1520	Reach 7/Combined Pump Plant	Cranes	1	4	66	0.29	Diesel
1520	Reach 7/Combined Pump Plant	Crawler Tractors	1	20	145	0.43	Diesel
1520	Reach 7/Combined Pump Plant	Off-Highway Trucks	4	20	375	0.38	Diesel
1520	Reach 7/Combined Pump Plant	Pumps	1	13	215	0.74	Diesel
1520	Reach 7/Combined Pump Plant	Pumps	1	20	60	0.74	Diesel
1520	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	20	160	0.36	Diesel
1520	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	16	101	0.37	Diesel
1530	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	1	19	18	0.56	Diesel
1530	Reach 7/Combined Pump Plant	Cranes	2	20	100	0.29	Diesel
1530	Reach 7/Combined Pump Plant	Pumps	2	20	215	0.74	Diesel
1530	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	20	101	0.37	Diesel
1540	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1540	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	24	200	0.36	Diesel
1550	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1560	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1590	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1600	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1610	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1620	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1630	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1640	Reach 7/Combined Pump Plant	Cranes	1	8	360	0.29	Diesel
1650	Reach 7/Combined Pump Plant	Cranes	1	3	175	0.29	Diesel
1650	Reach 7/Combined Pump Plant	Crawler Tractors	1	3	335	0.43	Diesel
1650	Reach 7/Combined Pump Plant	Excavators	1	3	165	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1650	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	3	100	0.36	Diesel
1650	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	3	375	0.36	Diesel
1660	Reach 7/Combined Pump Plant	Cranes	1	22	360	0.29	Diesel
1670	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1690	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1700	Reach 7/Combined Pump Plant	Cranes	2	17	360	0.29	Diesel
1710	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1710	Reach 7/Combined Pump Plant	Crawler Tractors	2	24	110	0.43	Diesel
1710	Reach 7/Combined Pump Plant	Excavators	2	24	165	0.38	Diesel
1710	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	24	200	0.36	Diesel
1720	Reach 7/Combined Pump Plant	Cranes	2	12	360	0.29	Diesel
1730	Reach 7/Combined Pump Plant	Cranes	1	11	360	0.29	Diesel
1740	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
1750	Reach 7/Combined Pump Plant	Cranes	1	8	360	0.29	Diesel
1880	Reach 7/Combined Pump Plant	Cranes	2	13	360	0.29	Diesel
1880	Reach 7/Combined Pump Plant	Rubber Tired Loaders	2	12	375	0.36	Diesel
1880	Reach 7/Combined Pump Plant	Welders	2	13	46	0.45	Diesel
1890	Reach 7/Combined Pump Plant	Cranes	1	18	360	0.29	Diesel
1890	Reach 7/Combined Pump Plant	Crawler Tractors	1	8	82	0.43	Diesel
1890	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	8	65	0.36	Diesel
1890	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	18	200	0.36	Diesel
1890	Reach 7/Combined Pump Plant	Welders	1	18	46	0.45	Diesel
1970	Reach 7/Combined Pump Plant	Air Compressors	1	6	80	0.48	Diesel
1970	Reach 7/Combined Pump Plant	Cranes	1	16	100	0.29	Diesel
1970	Reach 7/Combined Pump Plant	Cranes	1	11	240	0.29	Diesel
1970	Reach 7/Combined Pump Plant	Cranes	1	11	275	0.29	Diesel
1970	Reach 7/Combined Pump Plant	Cranes	1	13	335	0.29	Diesel
1970	Reach 7/Combined Pump Plant	Cranes	1	11	335	0.29	Diesel
1970	Reach 7/Combined Pump Plant	Cranes	1	3	66	0.29	Diesel
1970	Reach 7/Combined Pump Plant	Crawler Tractors	1	11	145	0.43	Diesel
1970	Reach 7/Combined Pump Plant	Off-Highway Trucks	2	23	375	0.38	Diesel
1970	Reach 7/Combined Pump Plant	Pumps	1	16	215	0.74	Diesel
1970	Reach 7/Combined Pump Plant	Pumps	1	11	60	0.74	Diesel
1970	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	11	160	0.36	Diesel
1970	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	14	101	0.37	Diesel
1980	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
1980	Reach 7/Combined Pump Plant	Crawler Tractors	1	24	80	0.43	Diesel
1980	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	24	200	0.36	Diesel
1980	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	24	65	0.37	Diesel
1990	Reach 7/Combined Pump Plant	Cranes	1	22	360	0.29	Diesel
1990	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	22	200	0.36	Diesel
1990	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	22	65	0.37	Diesel
2000	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2010	Reach 7/Combined Pump Plant	Crawler Tractors	1	14	335	0.43	Diesel
2010	Reach 7/Combined Pump Plant	Graders	1	14	200	0.41	Diesel
2010	Reach 7/Combined Pump Plant	Off-Highway Trucks	2	14	450	0.38	Diesel
2010	Reach 7/Combined Pump Plant	Off-Highway Trucks	2	14	450	0.38	Diesel
2010	Reach 7/Combined Pump Plant	Rollers	2	14	240	0.38	Diesel
2010	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	14	375	0.36	Diesel
2020	Reach 7/Combined Pump Plant	Air Compressors	1	6	80	0.48	Diesel
2020	Reach 7/Combined Pump Plant	Cranes	1	16	100	0.29	Diesel
2020	Reach 7/Combined Pump Plant	Cranes	1	11	240	0.29	Diesel
2020	Reach 7/Combined Pump Plant	Cranes	1	11	275	0.29	Diesel
2020	Reach 7/Combined Pump Plant	Cranes	1	13	335	0.29	Diesel
2020	Reach 7/Combined Pump Plant	Cranes	1	11	335	0.29	Diesel
2020	Reach 7/Combined Pump Plant	Cranes	1	3	66	0.29	Diesel
2020	Reach 7/Combined Pump Plant	Crawler Tractors	1	11	145	0.43	Diesel
2020	Reach 7/Combined Pump Plant	Off-Highway Trucks	2	23	375	0.38	Diesel
2020	Reach 7/Combined Pump Plant	Pumps	1	16	215	0.74	Diesel
2020	Reach 7/Combined Pump Plant	Pumps	1	11	60	0.74	Diesel
2020	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	11	160	0.36	Diesel
2020	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	14	101	0.37	Diesel
2021	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
2021	Reach 7/Combined Pump Plant	Crawler Tractors	1	24	80	0.43	Diesel
2021	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	24	200	0.36	Diesel
2021	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	24	65	0.37	Diesel
2022	Reach 7/Combined Pump Plant	Cranes	1	22	360	0.29	Diesel
2022	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	22	200	0.36	Diesel
2022	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	22	65	0.37	Diesel
2023	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
2033	Reach 7/Combined Pump Plant	Air Compressors	1	1	80	0.48	Diesel
2033	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	20	18	0.56	Diesel
2033	Reach 7/Combined Pump Plant	Cranes	2	20	100	0.29	Diesel
2033	Reach 7/Combined Pump Plant	Cranes	1	0	66	0.29	Diesel
2033	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	145	0.43	Diesel
2033	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
2033	Reach 7/Combined Pump Plant	Graders	1	0	215	0.41	Diesel
2033	Reach 7/Combined Pump Plant	Pumps	2	20	215	0.74	Diesel
2033	Reach 7/Combined Pump Plant	Pumps	1	0	16	0.74	Diesel
2033	Reach 7/Combined Pump Plant	Rollers	1	0	150	0.38	Diesel
2033	Reach 7/Combined Pump Plant	Scrapers	1	0	175	0.48	Diesel
2033	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	20	101	0.37	Diesel
2040	Reach 7/Combined Pump Plant	Air Compressors	1	0	78	0.48	Diesel
2040	Reach 7/Combined Pump Plant	Cranes	1	6	360	0.29	Diesel
2040	Reach 7/Combined Pump Plant	Cranes	1	8	175	0.29	Diesel
2040	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	335	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2040	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	0	100	0.36	Diesel
2040	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	8	200	0.36	Diesel
2040	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	6	375	0.36	Diesel
2040	Reach 7/Combined Pump Plant	Welders	1	0	46	0.45	Diesel
2043	Reach 7/Combined Pump Plant	Air Compressors	1	3	80	0.48	Diesel
2043	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2043	Reach 7/Combined Pump Plant	Cranes	2	22	100	0.29	Diesel
2043	Reach 7/Combined Pump Plant	Cranes	1	13	240	0.29	Diesel
2043	Reach 7/Combined Pump Plant	Cranes	1	13	275	0.29	Diesel
2043	Reach 7/Combined Pump Plant	Cranes	1	13	335	0.29	Diesel
2043	Reach 7/Combined Pump Plant	Cranes	1	13	335	0.29	Diesel
2043	Reach 7/Combined Pump Plant	Cranes	1	1	66	0.29	Diesel
2043	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	70	0.43	Diesel
2043	Reach 7/Combined Pump Plant	Crawler Tractors	1	19	145	0.43	Diesel
2043	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	410	0.43	Diesel
2043	Reach 7/Combined Pump Plant	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2043	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Excavators	1	0	315	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Excavators	1	2	384	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Gas Pump	1	1	2	0.69	Gasoline
2043	Reach 7/Combined Pump Plant	Generator Sets	1	0	12	0.74	Diesel
2043	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
2043	Reach 7/Combined Pump Plant	Graders	1	1	215	0.41	Diesel
2043	Reach 7/Combined Pump Plant	Off-Highway Trucks	3	18	375	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	1	452	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Pumps	2	22	215	0.74	Diesel
2043	Reach 7/Combined Pump Plant	Pumps	1	0	16	0.74	Diesel
2043	Reach 7/Combined Pump Plant	Pumps	1	14	60	0.74	Diesel
2043	Reach 7/Combined Pump Plant	Rollers	1	0	240	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Rollers	1	2	315	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Rollers	1	0	150	0.38	Diesel
2043	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	13	160	0.36	Diesel
2043	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	0	145	0.36	Diesel
2043	Reach 7/Combined Pump Plant	Scrapers	1	0	175	0.48	Diesel
2043	Reach 7/Combined Pump Plant	Scrapers	1	0	450	0.48	Diesel
2043	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	3	19	101	0.37	Diesel
2053	Reach 7/Combined Pump Plant	Cranes	1	21	360	0.29	Diesel
2053	Reach 7/Combined Pump Plant	Cranes	1	2	175	0.29	Diesel
2053	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	21	200	0.36	Diesel
2060	Reach 7/Combined Pump Plant	Crawler Tractors	2	6	70	0.43	Diesel
2060	Reach 7/Combined Pump Plant	Crawler Tractors	8	9	145	0.43	Diesel
2060	Reach 7/Combined Pump Plant	Crawler Tractors	2	6	410	0.43	Diesel
2060	Reach 7/Combined Pump Plant	Excavators	2	10	523	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2060	Reach 7/Combined Pump Plant	Excavators	1	5	384	0.38	Diesel
2060	Reach 7/Combined Pump Plant	Gas Pump	8	9	2	0.69	Gasoline
2060	Reach 7/Combined Pump Plant	Generator Sets	10	10	12	0.74	Diesel
2060	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
2060	Reach 7/Combined Pump Plant	Graders	3	8	215	0.41	Diesel
2060	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	8	452	0.38	Diesel
2060	Reach 7/Combined Pump Plant	Off-Highway Trucks	6	10	650	0.38	Diesel
2060	Reach 7/Combined Pump Plant	Pumps	1	4	16	0.74	Diesel
2060	Reach 7/Combined Pump Plant	Rollers	2	10	315	0.38	Diesel
2060	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
2060	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	9	145	0.36	Diesel
2060	Reach 7/Combined Pump Plant	Scrapers	4	9	450	0.48	Diesel
2060	Reach 7/Combined Pump Plant	Scrapers	1	4	500	0.48	Diesel
2063	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
2063	Reach 7/Combined Pump Plant	Pumps	1	10	210	0.74	Diesel
2070	Reach 7/Combined Pump Plant	Crawler Tractors	2	6	24	0.43	Diesel
2070	Reach 7/Combined Pump Plant	Crawler Tractors	2	10	145	0.43	Diesel
2070	Reach 7/Combined Pump Plant	Crawler Tractors	2	10	410	0.43	Diesel
2070	Reach 7/Combined Pump Plant	Graders	1	10	215	0.41	Diesel
2070	Reach 7/Combined Pump Plant	Rollers	2	10	240	0.38	Diesel
2070	Reach 7/Combined Pump Plant	Scrapers	10	10	450	0.48	Diesel
2070	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	6	87	0.37	Diesel
2073	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
2073	Reach 7/Combined Pump Plant	Crawler Tractors	2	19	82	0.43	Diesel
2073	Reach 7/Combined Pump Plant	Excavators	1	22	165	0.38	Diesel
2073	Reach 7/Combined Pump Plant	Other construction equipment	2	19	6	0.42	Diesel
2073	Reach 7/Combined Pump Plant	Pumps	1	2	210	0.74	Diesel
2073	Reach 7/Combined Pump Plant	Rollers	1	22	240	0.38	Diesel
2083	Reach 7/Combined Pump Plant	Cranes	1	21	360	0.29	Diesel
2083	Reach 7/Combined Pump Plant	Cranes	1	2	175	0.29	Diesel
2083	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	21	200	0.36	Diesel
2090	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
2090	Reach 7/Combined Pump Plant	Crawler Tractors	2	23	82	0.43	Diesel
2090	Reach 7/Combined Pump Plant	Excavators	1	23	165	0.38	Diesel
2090	Reach 7/Combined Pump Plant	Other construction equipment	2	23	6	0.42	Diesel
2090	Reach 7/Combined Pump Plant	Rollers	1	23	240	0.38	Diesel
2093	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
2093	Reach 7/Combined Pump Plant	Pumps	1	10	210	0.74	Diesel
2103	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
2103	Reach 7/Combined Pump Plant	Crawler Tractors	2	19	82	0.43	Diesel
2103	Reach 7/Combined Pump Plant	Excavators	1	22	165	0.38	Diesel
2103	Reach 7/Combined Pump Plant	Other construction equipment	2	19	6	0.42	Diesel
2103	Reach 7/Combined Pump Plant	Pumps	1	2	210	0.74	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2103	Reach 7/Combined Pump Plant	Rollers	1	22	240	0.38	Diesel
2110	Reach 7/Combined Pump Plant	Cranes	1	18	360	0.29	Diesel
2110	Reach 7/Combined Pump Plant	Crawler Tractors	1	8	82	0.43	Diesel
2110	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	8	65	0.36	Diesel
2110	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	18	200	0.36	Diesel
2110	Reach 7/Combined Pump Plant	Welders	1	18	46	0.45	Diesel
2113	Reach 7/Combined Pump Plant	Crawler Tractors	1	9	24	0.43	Diesel
2113	Reach 7/Combined Pump Plant	Crawler Tractors	2	5	145	0.43	Diesel
2113	Reach 7/Combined Pump Plant	Excavators	1	5	384	0.38	Diesel
2113	Reach 7/Combined Pump Plant	Graders	1	3	215	0.41	Diesel
2113	Reach 7/Combined Pump Plant	Pumps	1	1	16	0.74	Diesel
2113	Reach 7/Combined Pump Plant	Rollers	1	5	315	0.38	Diesel
2113	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	5	87	0.37	Diesel
2123	Reach 7/Combined Pump Plant	Air Compressors	1	1	80	0.48	Diesel
2123	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	20	18	0.56	Diesel
2123	Reach 7/Combined Pump Plant	Cranes	2	20	100	0.29	Diesel
2123	Reach 7/Combined Pump Plant	Cranes	1	0	66	0.29	Diesel
2123	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	145	0.43	Diesel
2123	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
2123	Reach 7/Combined Pump Plant	Graders	1	0	215	0.41	Diesel
2123	Reach 7/Combined Pump Plant	Pumps	2	20	215	0.74	Diesel
2123	Reach 7/Combined Pump Plant	Pumps	1	0	16	0.74	Diesel
2123	Reach 7/Combined Pump Plant	Rollers	1	0	150	0.38	Diesel
2123	Reach 7/Combined Pump Plant	Scrapers	1	0	175	0.48	Diesel
2123	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	20	101	0.37	Diesel
2133	Reach 7/Combined Pump Plant	Air Compressors	1	3	80	0.48	Diesel
2133	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2133	Reach 7/Combined Pump Plant	Cranes	2	22	100	0.29	Diesel
2133	Reach 7/Combined Pump Plant	Cranes	1	13	240	0.29	Diesel
2133	Reach 7/Combined Pump Plant	Cranes	1	13	275	0.29	Diesel
2133	Reach 7/Combined Pump Plant	Cranes	1	13	335	0.29	Diesel
2133	Reach 7/Combined Pump Plant	Cranes	1	13	335	0.29	Diesel
2133	Reach 7/Combined Pump Plant	Cranes	1	1	66	0.29	Diesel
2133	Reach 7/Combined Pump Plant	Crawler Tractors	1	2	24	0.43	Diesel
2133	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	70	0.43	Diesel
2133	Reach 7/Combined Pump Plant	Crawler Tractors	1	19	145	0.43	Diesel
2133	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	410	0.43	Diesel
2133	Reach 7/Combined Pump Plant	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2133	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Excavators	1	0	315	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Excavators	1	3	384	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Gas Pump	1	1	2	0.69	Gasoline
2133	Reach 7/Combined Pump Plant	Generator Sets	1	2	12	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2133	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
2133	Reach 7/Combined Pump Plant	Graders	1	2	215	0.41	Diesel
2133	Reach 7/Combined Pump Plant	Off-Highway Trucks	3	18	375	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Pumps	2	22	215	0.74	Diesel
2133	Reach 7/Combined Pump Plant	Pumps	1	1	16	0.74	Diesel
2133	Reach 7/Combined Pump Plant	Pumps	1	14	60	0.74	Diesel
2133	Reach 7/Combined Pump Plant	Rollers	1	1	240	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Rollers	1	2	315	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Rollers	1	0	150	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Rollers	1	0	18	0.38	Diesel
2133	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	13	160	0.36	Diesel
2133	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	0	145	0.36	Diesel
2133	Reach 7/Combined Pump Plant	Scrapers	1	0	450	0.48	Diesel
2133	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	1	87	0.37	Diesel
2133	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	3	19	101	0.37	Diesel
2153	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
2153	Reach 7/Combined Pump Plant	Pumps	1	10	210	0.74	Diesel
2173	Reach 7/Combined Pump Plant	Cranes	2	16	360	0.29	Diesel
2173	Reach 7/Combined Pump Plant	Cranes	1	3	175	0.29	Diesel
2173	Reach 7/Combined Pump Plant	Rubber Tired Loaders	2	16	200	0.36	Diesel
2183	Reach 7/Combined Pump Plant	Cranes	1	24	360	0.29	Diesel
2183	Reach 7/Combined Pump Plant	Pumps	1	10	210	0.74	Diesel
2213	Reach 7/Combined Pump Plant	Air Compressors	1	1	80	0.48	Diesel
2213	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2213	Reach 7/Combined Pump Plant	Cranes	2	19	100	0.29	Diesel
2213	Reach 7/Combined Pump Plant	Cranes	1	0	66	0.29	Diesel
2213	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	145	0.43	Diesel
2213	Reach 7/Combined Pump Plant	Excavators	1	1	128	0.38	Diesel
2213	Reach 7/Combined Pump Plant	Graders	1	1	215	0.41	Diesel
2213	Reach 7/Combined Pump Plant	Pumps	2	19	215	0.74	Diesel
2213	Reach 7/Combined Pump Plant	Pumps	1	1	16	0.74	Diesel
2213	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
2213	Reach 7/Combined Pump Plant	Scrapers	1	1	175	0.48	Diesel
2213	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2253	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
2253	Reach 7/Combined Pump Plant	Crawler Tractors	2	19	82	0.43	Diesel
2253	Reach 7/Combined Pump Plant	Excavators	1	22	165	0.38	Diesel
2253	Reach 7/Combined Pump Plant	Other construction equipment	2	19	6	0.42	Diesel
2253	Reach 7/Combined Pump Plant	Pumps	1	2	210	0.74	Diesel
2253	Reach 7/Combined Pump Plant	Rollers	1	22	240	0.38	Diesel
2283	Reach 7/Combined Pump Plant	Cranes	1	23	360	0.29	Diesel
2283	Reach 7/Combined Pump Plant	Crawler Tractors	2	19	82	0.43	Diesel
2283	Reach 7/Combined Pump Plant	Excavators	1	22	165	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2283	Reach 7/Combined Pump Plant	Other construction equipment	2	19	6	0.42	Diesel
2283	Reach 7/Combined Pump Plant	Pumps	1	2	210	0.74	Diesel
2283	Reach 7/Combined Pump Plant	Rollers	1	22	240	0.38	Diesel
2303	Reach 7/Combined Pump Plant	Air Compressors	1	1	80	0.48	Diesel
2303	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	20	18	0.56	Diesel
2303	Reach 7/Combined Pump Plant	Cranes	2	20	100	0.29	Diesel
2303	Reach 7/Combined Pump Plant	Cranes	1	0	66	0.29	Diesel
2303	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	145	0.43	Diesel
2303	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
2303	Reach 7/Combined Pump Plant	Graders	1	0	215	0.41	Diesel
2303	Reach 7/Combined Pump Plant	Pumps	2	20	215	0.74	Diesel
2303	Reach 7/Combined Pump Plant	Pumps	1	0	16	0.74	Diesel
2303	Reach 7/Combined Pump Plant	Rollers	1	0	150	0.38	Diesel
2303	Reach 7/Combined Pump Plant	Scrapers	1	0	175	0.48	Diesel
2303	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	20	101	0.37	Diesel
2313	Reach 7/Combined Pump Plant	Air Compressors	1	3	80	0.48	Diesel
2313	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	17	18	0.56	Diesel
2313	Reach 7/Combined Pump Plant	Cranes	2	17	100	0.29	Diesel
2313	Reach 7/Combined Pump Plant	Cranes	1	16	240	0.29	Diesel
2313	Reach 7/Combined Pump Plant	Cranes	1	16	275	0.29	Diesel
2313	Reach 7/Combined Pump Plant	Cranes	1	16	335	0.29	Diesel
2313	Reach 7/Combined Pump Plant	Cranes	1	16	335	0.29	Diesel
2313	Reach 7/Combined Pump Plant	Cranes	1	1	66	0.29	Diesel
2313	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	70	0.43	Diesel
2313	Reach 7/Combined Pump Plant	Crawler Tractors	2	13	145	0.43	Diesel
2313	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	410	0.43	Diesel
2313	Reach 7/Combined Pump Plant	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2313	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Excavators	1	0	315	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Excavators	1	4	384	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Gas Pump	1	1	2	0.69	Gasoline
2313	Reach 7/Combined Pump Plant	Generator Sets	1	1	12	0.74	Diesel
2313	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
2313	Reach 7/Combined Pump Plant	Graders	1	2	215	0.41	Diesel
2313	Reach 7/Combined Pump Plant	Off-Highway Trucks	3	22	375	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Pumps	2	17	215	0.74	Diesel
2313	Reach 7/Combined Pump Plant	Pumps	1	1	16	0.74	Diesel
2313	Reach 7/Combined Pump Plant	Pumps	1	16	60	0.74	Diesel
2313	Reach 7/Combined Pump Plant	Rollers	1	0	240	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Rollers	1	3	315	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Rollers	1	0	150	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Rollers	1	0	18	0.38	Diesel
2313	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	16	160	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2313	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	0	145	0.36	Diesel
2313	Reach 7/Combined Pump Plant	Scrapers	1	1	450	0.48	Diesel
2313	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
2313	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	3	17	101	0.37	Diesel
2323	Reach 7/Combined Pump Plant	Cranes	2	17	360	0.29	Diesel
2323	Reach 7/Combined Pump Plant	Cranes	1	1	175	0.29	Diesel
2323	Reach 7/Combined Pump Plant	Pumps	1	6	210	0.74	Diesel
2323	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	19	200	0.36	Diesel
2343	Reach 7/Combined Pump Plant	Cranes	1	19	360	0.29	Diesel
2343	Reach 7/Combined Pump Plant	Cranes	1	1	175	0.29	Diesel
2343	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	19	200	0.36	Diesel
2353	Reach 7/Combined Pump Plant	Cranes	2	15	360	0.29	Diesel
2353	Reach 7/Combined Pump Plant	Pumps	1	13	210	0.74	Diesel
2363	Reach 7/Combined Pump Plant	Air Compressors	1	1	80	0.48	Diesel
2363	Reach 7/Combined Pump Plant	Cement and Mortar Mixers	2	20	18	0.56	Diesel
2363	Reach 7/Combined Pump Plant	Cranes	2	20	100	0.29	Diesel
2363	Reach 7/Combined Pump Plant	Cranes	1	0	66	0.29	Diesel
2363	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	70	0.43	Diesel
2363	Reach 7/Combined Pump Plant	Crawler Tractors	1	2	145	0.43	Diesel
2363	Reach 7/Combined Pump Plant	Excavators	1	0	315	0.38	Diesel
2363	Reach 7/Combined Pump Plant	Excavators	1	2	384	0.38	Diesel
2363	Reach 7/Combined Pump Plant	Generator Sets	1	7	12	0.74	Diesel
2363	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
2363	Reach 7/Combined Pump Plant	Graders	1	2	215	0.41	Diesel
2363	Reach 7/Combined Pump Plant	Pumps	2	20	215	0.74	Diesel
2363	Reach 7/Combined Pump Plant	Pumps	1	1	16	0.74	Diesel
2363	Reach 7/Combined Pump Plant	Rollers	1	2	240	0.38	Diesel
2363	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
2363	Reach 7/Combined Pump Plant	Rollers	1	0	18	0.38	Diesel
2363	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
2363	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	20	101	0.37	Diesel
7510	Reach 7/Combined Pump Plant	Cranes	2	7	240	0.29	Diesel
7510	Reach 7/Combined Pump Plant	Cranes	2	7	335	0.29	Diesel
7510	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	70	0.43	Diesel
7510	Reach 7/Combined Pump Plant	Crawler Tractors	2	6	145	0.43	Diesel
7510	Reach 7/Combined Pump Plant	Crawler Tractors	1	9	410	0.43	Diesel
7510	Reach 7/Combined Pump Plant	Excavators	1	0	315	0.38	Diesel
7510	Reach 7/Combined Pump Plant	Generator Sets	4	9	12	0.74	Diesel
7510	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
7510	Reach 7/Combined Pump Plant	Graders	1	10	215	0.41	Diesel
7510	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	1	452	0.38	Diesel
7510	Reach 7/Combined Pump Plant	Pavers	1	2	224	0.42	Diesel
7510	Reach 7/Combined Pump Plant	Pumps	1	4	16	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7510	Reach 7/Combined Pump Plant	Rollers	1	2	110	0.38	Diesel
7510	Reach 7/Combined Pump Plant	Rollers	1	2	131	0.38	Diesel
7510	Reach 7/Combined Pump Plant	Rollers	1	9	240	0.38	Diesel
7510	Reach 7/Combined Pump Plant	Rollers	1	5	150	0.38	Diesel
7510	Reach 7/Combined Pump Plant	Rollers	1	1	18	0.38	Diesel
7510	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	3	211	0.36	Diesel
7510	Reach 7/Combined Pump Plant	Scrapers	1	5	175	0.48	Diesel
7510	Reach 7/Combined Pump Plant	Scrapers	3	9	450	0.48	Diesel
7510	Reach 7/Combined Pump Plant	Scrapers	1	4	500	0.48	Diesel
7510	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
7512	Reach 7/Combined Pump Plant	Air Compressors	2	8	80	0.48	Diesel
7512	Reach 7/Combined Pump Plant	Cranes	1	1	160	0.29	Diesel
7512	Reach 7/Combined Pump Plant	Cranes	1	2	240	0.29	Diesel
7512	Reach 7/Combined Pump Plant	Cranes	1	6	275	0.29	Diesel
7512	Reach 7/Combined Pump Plant	Cranes	1	8	66	0.29	Diesel
7512	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	70	0.43	Diesel
7512	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	145	0.43	Diesel
7512	Reach 7/Combined Pump Plant	Generator Sets	1	1	107	0.74	Diesel
7512	Reach 7/Combined Pump Plant	Graders	1	1	215	0.41	Diesel
7512	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	2	375	0.38	Diesel
7512	Reach 7/Combined Pump Plant	Plate Compactors	1	2	8	0.43	Diesel
7512	Reach 7/Combined Pump Plant	Pumps	1	1	16	0.74	Diesel
7512	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
7512	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	5	197	0.36	Diesel
7512	Reach 7/Combined Pump Plant	Scrapers	1	1	175	0.48	Diesel
7512	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	4	101	0.37	Diesel
7512	Reach 7/Combined Pump Plant	Welders	1	1	48	0.45	Diesel
7516	Reach 7/Combined Pump Plant	Crawler Tractors	1	8	24	0.43	Diesel
7516	Reach 7/Combined Pump Plant	Generator Sets	1	8	713	0.74	Diesel
7516	Reach 7/Combined Pump Plant	Pumps	1	5	210	0.74	Diesel
7516	Reach 7/Combined Pump Plant	Rubber Tired Loaders	2	8	211	0.36	Diesel
7516	Reach 7/Combined Pump Plant	Welders	1	2	48	0.45	Diesel
7517	Reach 7/Combined Pump Plant	Graders	1	1	158	0.41	Diesel
7517	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
7517	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	4	87	0.37	Diesel
7518	Reach 7/Combined Pump Plant	Graders	1	1	158	0.41	Diesel
7518	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
7518	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	2	4	87	0.37	Diesel
7520	Reach 7/Combined Pump Plant	Air Compressors	7	10	115	0.48	Diesel
7520	Reach 7/Combined Pump Plant	Cranes	5	8	240	0.29	Diesel
7520	Reach 7/Combined Pump Plant	Cranes	7	10	375	0.29	Diesel
7520	Reach 7/Combined Pump Plant	Cranes	7	10	66	0.29	Diesel
7520	Reach 7/Combined Pump Plant	Generator Sets	9	9	12	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7520	Reach 7/Combined Pump Plant	Generator Sets	7	10	23	0.74	Diesel
7520	Reach 7/Combined Pump Plant	Other construction equipment	7	10	325	0.42	Diesel
7520	Reach 7/Combined Pump Plant	Welders	7	10	48	0.45	Diesel
7522	Reach 7/Combined Pump Plant	Air Compressors	2	7	115	0.48	Diesel
7522	Reach 7/Combined Pump Plant	Cranes	2	7	240	0.29	Diesel
7522	Reach 7/Combined Pump Plant	Cranes	2	7	375	0.29	Diesel
7522	Reach 7/Combined Pump Plant	Cranes	2	7	66	0.29	Diesel
7522	Reach 7/Combined Pump Plant	Generator Sets	3	10	12	0.74	Diesel
7522	Reach 7/Combined Pump Plant	Generator Sets	2	7	23	0.74	Diesel
7522	Reach 7/Combined Pump Plant	Other construction equipment	2	7	325	0.42	Diesel
7522	Reach 7/Combined Pump Plant	Welders	2	7	48	0.45	Diesel
7530	Reach 7/Combined Pump Plant	Bore/Drill Rigs	3	16	210	0.5	Diesel
7530	Reach 7/Combined Pump Plant	Bore/Drill Rigs	1	3	206	0.5	Diesel
7530	Reach 7/Combined Pump Plant	Cranes	3	16	160	0.29	Diesel
7530	Reach 7/Combined Pump Plant	Crawler Tractors	1	3	70	0.43	Diesel
7530	Reach 7/Combined Pump Plant	Crawler Tractors	3	16	145	0.43	Diesel
7530	Reach 7/Combined Pump Plant	Crawler Tractors	1	6	410	0.43	Diesel
7530	Reach 7/Combined Pump Plant	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
7530	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Excavators	1	16	523	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Excavators	1	4	163	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Excavators	1	1	315	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Excavators	1	3	384	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Gas Pump	1	14	2	0.69	Gasoline
7530	Reach 7/Combined Pump Plant	Generator Sets	4	17	12	0.74	Diesel
7530	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
7530	Reach 7/Combined Pump Plant	Graders	2	13	215	0.41	Diesel
7530	Reach 7/Combined Pump Plant	Off-Highway Trucks	2	11	452	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Off-Highway Trucks	4	17	650	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Pumps	1	3	16	0.74	Diesel
7530	Reach 7/Combined Pump Plant	Pumps	1	5	60	0.74	Diesel
7530	Reach 7/Combined Pump Plant	Rollers	1	0	240	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Rollers	1	14	315	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Rollers	1	6	150	0.38	Diesel
7530	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	3	250	0.36	Diesel
7530	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	5	501	0.36	Diesel
7530	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	2	145	0.36	Diesel
7530	Reach 7/Combined Pump Plant	Scrapers	1	19	450	0.48	Diesel
7530	Reach 7/Combined Pump Plant	Scrapers	1	8	500	0.48	Diesel
7530	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	3	16	101	0.37	Diesel
7535	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	70	0.43	Diesel
7535	Reach 7/Combined Pump Plant	Crawler Tractors	7	9	145	0.43	Diesel
7535	Reach 7/Combined Pump Plant	Crawler Tractors	1	8	410	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7535	Reach 7/Combined Pump Plant	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
7535	Reach 7/Combined Pump Plant	Excavators	1	0	128	0.38	Diesel
7535	Reach 7/Combined Pump Plant	Excavators	2	10	523	0.38	Diesel
7535	Reach 7/Combined Pump Plant	Excavators	1	3	384	0.38	Diesel
7535	Reach 7/Combined Pump Plant	Generator Sets	10	10	12	0.74	Diesel
7535	Reach 7/Combined Pump Plant	Graders	3	7	215	0.41	Diesel
7535	Reach 7/Combined Pump Plant	Off-Highway Trucks	10	10	650	0.38	Diesel
7535	Reach 7/Combined Pump Plant	Pumps	1	4	16	0.74	Diesel
7535	Reach 7/Combined Pump Plant	Rollers	1	0	240	0.38	Diesel
7535	Reach 7/Combined Pump Plant	Rollers	2	10	315	0.38	Diesel
7535	Reach 7/Combined Pump Plant	Scrapers	3	8	450	0.48	Diesel
7535	Reach 7/Combined Pump Plant	Scrapers	1	4	500	0.48	Diesel
7540	Reach 7/Combined Pump Plant	Crawler Tractors	1	7	24	0.43	Diesel
7540	Reach 7/Combined Pump Plant	Graders	1	1	215	0.41	Diesel
7540	Reach 7/Combined Pump Plant	Pavers	1	0	224	0.42	Diesel
7540	Reach 7/Combined Pump Plant	Pavers	1	3	92	0.42	Diesel
7540	Reach 7/Combined Pump Plant	Plate Compactors	1	3	8	0.43	Diesel
7540	Reach 7/Combined Pump Plant	Pumps	1	0	16	0.74	Diesel
7540	Reach 7/Combined Pump Plant	Rollers	1	0	110	0.38	Diesel
7540	Reach 7/Combined Pump Plant	Rollers	1	0	131	0.38	Diesel
7540	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
7540	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	6	197	0.36	Diesel
7540	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	1	211	0.36	Diesel
7540	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	5	87	0.37	Diesel
7540	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	6	101	0.37	Diesel
7705	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7705	Reach 7/Combined Pump Plant	Generator Sets	1	9	107	0.74	Diesel
7705	Reach 7/Combined Pump Plant	Welders	1	9	48	0.45	Diesel
7710	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7710	Reach 7/Combined Pump Plant	Generator Sets	1	10	107	0.74	Diesel
7710	Reach 7/Combined Pump Plant	Welders	1	10	48	0.45	Diesel
7715	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7715	Reach 7/Combined Pump Plant	Generator Sets	2	5	107	0.74	Diesel
7715	Reach 7/Combined Pump Plant	Welders	2	5	48	0.45	Diesel
7725	Reach 7/Combined Pump Plant	Cranes	1	4	335	0.29	Diesel
7725	Reach 7/Combined Pump Plant	Welders	1	4	48	0.45	Diesel
7730	Reach 7/Combined Pump Plant	Cranes	1	0	160	0.29	Diesel
7730	Reach 7/Combined Pump Plant	Cranes	1	10	335	0.29	Diesel
7730	Reach 7/Combined Pump Plant	Pumps	1	1	80	0.74	Diesel
7730	Reach 7/Combined Pump Plant	Rollers	1	3	150	0.38	Diesel
7730	Reach 7/Combined Pump Plant	Rollers	1	2	18	0.38	Diesel
7730	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	7	145	0.36	Diesel
7730	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	5	101	0.37	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7730	Reach 7/Combined Pump Plant	Welders	3	10	48	0.45	Diesel
7760	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7760	Reach 7/Combined Pump Plant	Generator Sets	1	9	107	0.74	Diesel
7760	Reach 7/Combined Pump Plant	Welders	1	9	48	0.45	Diesel
7765	Reach 7/Combined Pump Plant	Cranes	1	7	100	0.29	Diesel
7765	Reach 7/Combined Pump Plant	Generator Sets	2	7	107	0.74	Diesel
7765	Reach 7/Combined Pump Plant	Welders	2	7	48	0.45	Diesel
7770	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7770	Reach 7/Combined Pump Plant	Generator Sets	2	5	107	0.74	Diesel
7770	Reach 7/Combined Pump Plant	Welders	2	5	48	0.45	Diesel
7780	Reach 7/Combined Pump Plant	Cranes	1	4	335	0.29	Diesel
7780	Reach 7/Combined Pump Plant	Welders	1	4	48	0.45	Diesel
7785	Reach 7/Combined Pump Plant	Cranes	1	0	160	0.29	Diesel
7785	Reach 7/Combined Pump Plant	Cranes	1	10	335	0.29	Diesel
7785	Reach 7/Combined Pump Plant	Pumps	1	1	80	0.74	Diesel
7785	Reach 7/Combined Pump Plant	Rollers	1	3	150	0.38	Diesel
7785	Reach 7/Combined Pump Plant	Rollers	1	2	18	0.38	Diesel
7785	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	7	145	0.36	Diesel
7785	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	5	101	0.37	Diesel
7785	Reach 7/Combined Pump Plant	Welders	3	10	48	0.45	Diesel
7810	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7810	Reach 7/Combined Pump Plant	Cranes	1	5	240	0.29	Diesel
7810	Reach 7/Combined Pump Plant	Cranes	1	5	335	0.29	Diesel
7810	Reach 7/Combined Pump Plant	Cranes	1	10	335	0.29	Diesel
7810	Reach 7/Combined Pump Plant	Crawler Tractors	1	3	242	0.43	Diesel
7810	Reach 7/Combined Pump Plant	Generator Sets	1	10	107	0.74	Diesel
7810	Reach 7/Combined Pump Plant	Other Construction Equipment	1	3	92	0.42	Diesel
7810	Reach 7/Combined Pump Plant	Welders	1	10	48	0.45	Diesel
7820	Reach 7/Combined Pump Plant	Cranes	2	9	240	0.29	Diesel
7820	Reach 7/Combined Pump Plant	Cranes	2	9	335	0.29	Diesel
7820	Reach 7/Combined Pump Plant	Crawler Tractors	2	9	242	0.43	Diesel
7820	Reach 7/Combined Pump Plant	Crawler Tractors	1	6	145	0.43	Diesel
7820	Reach 7/Combined Pump Plant	Excavators	1	6	384	0.38	Diesel
7820	Reach 7/Combined Pump Plant	Graders	1	2	158	0.41	Diesel
7820	Reach 7/Combined Pump Plant	Graders	1	6	215	0.41	Diesel
7820	Reach 7/Combined Pump Plant	Off-Highway Trucks	3	8	452	0.38	Diesel
7820	Reach 7/Combined Pump Plant	Other Construction Equipment	2	9	92	0.42	Diesel
7820	Reach 7/Combined Pump Plant	Pumps	1	3	60	0.74	Diesel
7820	Reach 7/Combined Pump Plant	Rollers	1	3	150	0.38	Diesel
7820	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	3	501	0.36	Diesel
7820	Reach 7/Combined Pump Plant	Scrapers	1	3	500	0.48	Diesel
7830	Reach 7/Combined Pump Plant	Crawler Tractors	1	6	24	0.43	Diesel
7830	Reach 7/Combined Pump Plant	Crawler Tractors	1	6	70	0.43	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7830	Reach 7/Combined Pump Plant	Graders	1	2	158	0.41	Diesel
7830	Reach 7/Combined Pump Plant	Off-Highway Trucks	2	9	452	0.38	Diesel
7830	Reach 7/Combined Pump Plant	Plate Compactors	1	6	8	0.43	Diesel
7830	Reach 7/Combined Pump Plant	Rollers	1	6	150	0.38	Diesel
7830	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	6	197	0.36	Diesel
7850	Reach 7/Combined Pump Plant	Air Compressors	1	10	310	0.48	Diesel
7850	Reach 7/Combined Pump Plant	Cranes	2	10	200	0.29	Diesel
7850	Reach 7/Combined Pump Plant	Cranes	1	10	445	0.29	Diesel
7850	Reach 7/Combined Pump Plant	Generator Sets	2	10	143	0.74	Diesel
7850	Reach 7/Combined Pump Plant	Pumps	2	10	80	0.74	Diesel
7905	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7905	Reach 7/Combined Pump Plant	Generator Sets	1	10	107	0.74	Diesel
7905	Reach 7/Combined Pump Plant	Welders	1	10	48	0.45	Diesel
7907	Reach 7/Combined Pump Plant	Cranes	1	5	100	0.29	Diesel
7907	Reach 7/Combined Pump Plant	Generator Sets	1	10	107	0.74	Diesel
7907	Reach 7/Combined Pump Plant	Welders	1	10	48	0.45	Diesel
7910	Reach 7/Combined Pump Plant	Cranes	1	1	335	0.29	Diesel
7912	Reach 7/Combined Pump Plant	Cranes	1	1	335	0.29	Diesel
7915	Reach 7/Combined Pump Plant	Cranes	2	9	240	0.29	Diesel
7915	Reach 7/Combined Pump Plant	Welders	4	9	48	0.45	Diesel
7917	Reach 7/Combined Pump Plant	Cranes	2	9	240	0.29	Diesel
7917	Reach 7/Combined Pump Plant	Welders	4	9	48	0.45	Diesel
7920	Reach 7/Combined Pump Plant	Air Compressors	2	7	80	0.48	Diesel
7920	Reach 7/Combined Pump Plant	Cranes	4	10	66	0.29	Diesel
7922	Reach 7/Combined Pump Plant	Air Compressors	2	7	80	0.48	Diesel
7922	Reach 7/Combined Pump Plant	Cranes	4	10	66	0.29	Diesel
7925	Reach 7/Combined Pump Plant	Air Compressors	1	8	80	0.48	Diesel
7925	Reach 7/Combined Pump Plant	Cranes	1	8	160	0.29	Diesel
7925	Reach 7/Combined Pump Plant	Cranes	1	1	240	0.29	Diesel
7925	Reach 7/Combined Pump Plant	Cranes	1	8	66	0.29	Diesel
7925	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	70	0.43	Diesel
7925	Reach 7/Combined Pump Plant	Generator Sets	1	0	107	0.74	Diesel
7925	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	1	375	0.38	Diesel
7925	Reach 7/Combined Pump Plant	Rollers	1	0	150	0.38	Diesel
7925	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	0	197	0.36	Diesel
7925	Reach 7/Combined Pump Plant	Welders	1	0	48	0.45	Diesel
7930	Reach 7/Combined Pump Plant	Air Compressors	2	7	80	0.48	Diesel
7930	Reach 7/Combined Pump Plant	Cranes	2	7	160	0.29	Diesel
7930	Reach 7/Combined Pump Plant	Cranes	1	3	240	0.29	Diesel
7930	Reach 7/Combined Pump Plant	Cranes	1	1	335	0.29	Diesel
7930	Reach 7/Combined Pump Plant	Cranes	2	7	66	0.29	Diesel
7930	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	242	0.43	Diesel
7930	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	70	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
7930	Reach 7/Combined Pump Plant	Crawler Tractors	1	0	145	0.43	Diesel
7930	Reach 7/Combined Pump Plant	Excavators	1	0	384	0.38	Diesel
7930	Reach 7/Combined Pump Plant	Generator Sets	1	1	107	0.74	Diesel
7930	Reach 7/Combined Pump Plant	Graders	1	0	158	0.41	Diesel
7930	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	2	375	0.38	Diesel
7930	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	1	452	0.38	Diesel
7930	Reach 7/Combined Pump Plant	Other Construction Equipment	1	1	92	0.42	Diesel
7930	Reach 7/Combined Pump Plant	Plate Compactors	1	4	8	0.43	Diesel
7930	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
7930	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	9	197	0.36	Diesel
7930	Reach 7/Combined Pump Plant	Tractors/Loaders/Backhoes	1	8	101	0.37	Diesel
7930	Reach 7/Combined Pump Plant	Welders	1	1	48	0.45	Diesel
7935	Reach 7/Combined Pump Plant	Air Compressors	1	8	80	0.48	Diesel
7935	Reach 7/Combined Pump Plant	Cranes	1	1	100	0.29	Diesel
7935	Reach 7/Combined Pump Plant	Cranes	1	7	160	0.29	Diesel
7935	Reach 7/Combined Pump Plant	Cranes	1	2	240	0.29	Diesel
7935	Reach 7/Combined Pump Plant	Cranes	1	3	66	0.29	Diesel
7935	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	70	0.43	Diesel
7935	Reach 7/Combined Pump Plant	Generator Sets	1	1	12	0.74	Diesel
7935	Reach 7/Combined Pump Plant	Generator Sets	1	1	107	0.74	Diesel
7935	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	2	375	0.38	Diesel
7935	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
7935	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	1	197	0.36	Diesel
7935	Reach 7/Combined Pump Plant	Welders	1	1	48	0.45	Diesel
7940	Reach 7/Combined Pump Plant	Air Compressors	1	4	80	0.48	Diesel
7940	Reach 7/Combined Pump Plant	Cranes	1	4	160	0.29	Diesel
7940	Reach 7/Combined Pump Plant	Cranes	1	2	240	0.29	Diesel
7940	Reach 7/Combined Pump Plant	Cranes	1	4	66	0.29	Diesel
7940	Reach 7/Combined Pump Plant	Crawler Tractors	1	1	70	0.43	Diesel
7940	Reach 7/Combined Pump Plant	Generator Sets	1	1	107	0.74	Diesel
7940	Reach 7/Combined Pump Plant	Off-Highway Trucks	1	2	375	0.38	Diesel
7940	Reach 7/Combined Pump Plant	Rollers	1	1	150	0.38	Diesel
7940	Reach 7/Combined Pump Plant	Rubber Tired Loaders	1	1	197	0.36	Diesel
7940	Reach 7/Combined Pump Plant	Welders	1	1	48	0.45	Diesel
1020	Reach 4	Air Compressors	1	20	80	0.48	Diesel
1020	Reach 4	Cranes	1	8	175	0.29	Diesel
1020	Reach 4	Cranes	1	10	66	0.29	Diesel
1030	Reach 4	Cranes	1	24	240	0.29	Diesel
1030	Reach 4	Cranes	1	24	275	0.29	Diesel
1030	Reach 4	Cranes	1	23	335	0.29	Diesel
1030	Reach 4	Cranes	1	24	335	0.29	Diesel
1030	Reach 4	Crawler Tractors	1	24	145	0.43	Diesel
1030	Reach 4	Off-Highway Trucks	4	24	375	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1030	Reach 4	Pumps	1	24	60	0.74	Diesel
1030	Reach 4	Rubber Tired Loaders	1	24	160	0.36	Diesel
1030	Reach 4	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
1040	Reach 4	Cranes	1	23	360	0.29	Diesel
1040	Reach 4	Rubber Tired Loaders	1	23	200	0.36	Diesel
1050	Reach 4	Cranes	1	23	360	0.29	Diesel
1100	Reach 4	Cranes	7	23	360	0.29	Diesel
1100	Reach 4	Pumps	13	23	210	0.74	Diesel
1110	Reach 4	Cranes	1	24	360	0.29	Diesel
1120	Reach 4	Cranes	1	12	360	0.29	Diesel
1130	Reach 4	Cranes	1	24	360	0.29	Diesel
1140	Reach 4	Air Compressors	1	1	80	0.48	Diesel
1140	Reach 4	Cement and Mortar Mixers	3	9	18	0.56	Diesel
1140	Reach 4	Cranes	3	9	100	0.29	Diesel
1140	Reach 4	Cranes	1	1	66	0.29	Diesel
1140	Reach 4	Pumps	3	9	215	0.74	Diesel
1140	Reach 4	Tractors/Loaders/Backhoes	3	9	101	0.37	Diesel
1160	Reach 4	Cranes	1	23	360	0.29	Diesel
1160	Reach 4	Pumps	2	23	210	0.74	Diesel
1170	Reach 4	Air Compressors	1	20	80	0.48	Diesel
1170	Reach 4	Cranes	1	8	175	0.29	Diesel
1170	Reach 4	Cranes	1	10	66	0.29	Diesel
1180	Reach 4	Cranes	1	24	240	0.29	Diesel
1180	Reach 4	Cranes	1	24	275	0.29	Diesel
1180	Reach 4	Cranes	1	23	335	0.29	Diesel
1180	Reach 4	Cranes	1	24	335	0.29	Diesel
1180	Reach 4	Crawler Tractors	1	24	145	0.43	Diesel
1180	Reach 4	Off-Highway Trucks	4	24	375	0.38	Diesel
1180	Reach 4	Pumps	1	24	60	0.74	Diesel
1180	Reach 4	Rubber Tired Loaders	1	24	160	0.36	Diesel
1180	Reach 4	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
1190	Reach 4	Cranes	1	23	360	0.29	Diesel
1190	Reach 4	Rubber Tired Loaders	1	23	200	0.36	Diesel
1200	Reach 4	Air Compressors	1	1	80	0.48	Diesel
1200	Reach 4	Cement and Mortar Mixers	2	13	18	0.56	Diesel
1200	Reach 4	Cranes	2	13	100	0.29	Diesel
1200	Reach 4	Cranes	1	1	66	0.29	Diesel
1200	Reach 4	Pumps	2	13	215	0.74	Diesel
1200	Reach 4	Tractors/Loaders/Backhoes	2	13	101	0.37	Diesel
1210	Reach 4	Cranes	1	23	360	0.29	Diesel
1220	Reach 4	Cranes	1	23	360	0.29	Diesel
1220	Reach 4	Pumps	2	23	210	0.74	Diesel
1230	Reach 4	Cranes	1	24	360	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1240	Reach 4	Cranes	1	12	360	0.29	Diesel
1250	Reach 4	Cranes	1	24	360	0.29	Diesel
1260	Reach 4	Cranes	1	24	360	0.29	Diesel
1270	Reach 4	Cranes	1	23	360	0.29	Diesel
1270	Reach 4	Pumps	2	23	210	0.74	Diesel
1280	Reach 4	Cranes	2	13	360	0.29	Diesel
1280	Reach 4	Rubber Tired Loaders	1	24	375	0.36	Diesel
1280	Reach 4	Welders	1	24	46	0.45	Diesel
1310	Reach 4	Cranes	1	24	360	0.29	Diesel
1320	Reach 4	Cranes	1	24	360	0.29	Diesel
1320	Reach 4	Pumps	1	24	210	0.74	Diesel
1330	Reach 4	Cranes	1	24	360	0.29	Diesel
1330	Reach 4	Crawler Tractors	1	17	82	0.43	Diesel
1330	Reach 4	Excavators	1	8	165	0.38	Diesel
1330	Reach 4	Other construction equipment	1	17	6	0.42	Diesel
1330	Reach 4	Pumps	1	3	210	0.74	Diesel
1330	Reach 4	Rollers	1	8	240	0.38	Diesel
1340	Reach 4	Cranes	1	24	360	0.29	Diesel
1340	Reach 4	Crawler Tractors	1	17	82	0.43	Diesel
1340	Reach 4	Excavators	1	8	165	0.38	Diesel
1340	Reach 4	Other construction equipment	1	17	6	0.42	Diesel
1340	Reach 4	Pumps	1	3	210	0.74	Diesel
1340	Reach 4	Rollers	1	8	240	0.38	Diesel
1390	Reach 4	Air Compressors	1	9	78	0.48	Diesel
1390	Reach 4	Cranes	1	9	175	0.29	Diesel
1390	Reach 4	Crawler Tractors	1	9	335	0.43	Diesel
1390	Reach 4	Rubber Tired Loaders	1	9	100	0.36	Diesel
1390	Reach 4	Welders	1	19	46	0.45	Diesel
1650	Reach 4	Cranes	1	3	360	0.29	Diesel
1650	Reach 4	Cranes	1	3	175	0.29	Diesel
1650	Reach 4	Crawler Tractors	1	3	335	0.43	Diesel
1650	Reach 4	Excavators	1	3	165	0.38	Diesel
1650	Reach 4	Rubber Tired Loaders	1	3	100	0.36	Diesel
1650	Reach 4	Rubber Tired Loaders	1	3	375	0.36	Diesel
1650	Reach 4	Welders	1	24	46	0.45	Diesel
1660	Reach 4	Cranes	1	3	360	0.29	Diesel
1660	Reach 4	Cranes	1	3	175	0.29	Diesel
1660	Reach 4	Crawler Tractors	1	3	335	0.43	Diesel
1660	Reach 4	Excavators	1	3	165	0.38	Diesel
1660	Reach 4	Rubber Tired Loaders	1	3	100	0.36	Diesel
1660	Reach 4	Rubber Tired Loaders	1	3	375	0.36	Diesel
1660	Reach 4	Welders	1	24	46	0.45	Diesel
1880	Reach 4	Cranes	2	13	360	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1880	Reach 4	Rubber Tired Loaders	1	24	375	0.36	Diesel
1880	Reach 4	Welders	1	24	46	0.45	Diesel
1890	Reach 4	Cranes	2	16	360	0.29	Diesel
1890	Reach 4	Crawler Tractors	1	11	82	0.43	Diesel
1890	Reach 4	Rubber Tired Loaders	1	11	65	0.36	Diesel
1890	Reach 4	Rubber Tired Loaders	2	16	200	0.36	Diesel
1890	Reach 4	Welders	2	16	46	0.45	Diesel
2010	Reach 4	Crawler Tractors	1	13	335	0.43	Diesel
2010	Reach 4	Graders	1	13	200	0.41	Diesel
2010	Reach 4	Off-Highway Trucks	2	13	450	0.38	Diesel
2010	Reach 4	Rollers	2	13	240	0.38	Diesel
2010	Reach 4	Rubber Tired Loaders	1	13	375	0.36	Diesel
2030	Reach 4	Cranes	1	6	360	0.29	Diesel
2030	Reach 4	Rubber Tired Loaders	1	6	375	0.36	Diesel
2033	Reach 4	Air Compressors	1	1	80	0.48	Diesel
2033	Reach 4	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2033	Reach 4	Cranes	2	19	100	0.29	Diesel
2033	Reach 4	Cranes	1	0	66	0.29	Diesel
2033	Reach 4	Crawler Tractors	1	1	145	0.43	Diesel
2033	Reach 4	Excavators	1	1	128	0.38	Diesel
2033	Reach 4	Graders	1	1	215	0.41	Diesel
2033	Reach 4	Pumps	2	19	215	0.74	Diesel
2033	Reach 4	Pumps	1	1	16	0.74	Diesel
2033	Reach 4	Rollers	1	1	150	0.38	Diesel
2033	Reach 4	Scrapers	1	1	175	0.48	Diesel
2033	Reach 4	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2040	Reach 4	Cranes	1	8	175	0.29	Diesel
2040	Reach 4	Rubber Tired Loaders	1	8	200	0.36	Diesel
2043	Reach 4	Air Compressors	1	3	80	0.48	Diesel
2043	Reach 4	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2043	Reach 4	Cranes	2	22	100	0.29	Diesel
2043	Reach 4	Cranes	1	13	240	0.29	Diesel
2043	Reach 4	Cranes	1	13	275	0.29	Diesel
2043	Reach 4	Cranes	1	13	335	0.29	Diesel
2043	Reach 4	Cranes	1	13	335	0.29	Diesel
2043	Reach 4	Cranes	1	1	66	0.29	Diesel
2043	Reach 4	Crawler Tractors	1	0	70	0.43	Diesel
2043	Reach 4	Crawler Tractors	1	20	145	0.43	Diesel
2043	Reach 4	Excavators	1	0	315	0.38	Diesel
2043	Reach 4	Excavators	1	3	384	0.38	Diesel
2043	Reach 4	Gas Pump	1	2	2	0.69	Gasoline
2043	Reach 4	Generator Sets	1	1	12	0.74	Diesel
2043	Reach 4	Graders	1	0	158	0.41	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2043	Reach 4	Graders	1	1	215	0.41	Diesel
2043	Reach 4	Off-Highway Trucks	3	19	375	0.38	Diesel
2043	Reach 4	Pumps	2	22	215	0.74	Diesel
2043	Reach 4	Pumps	1	0	16	0.74	Diesel
2043	Reach 4	Pumps	1	14	60	0.74	Diesel
2043	Reach 4	Rollers	1	0	240	0.38	Diesel
2043	Reach 4	Rollers	1	1	315	0.38	Diesel
2043	Reach 4	Rollers	1	0	150	0.38	Diesel
2043	Reach 4	Rollers	1	0	18	0.38	Diesel
2043	Reach 4	Rubber Tired Loaders	1	13	160	0.36	Diesel
2043	Reach 4	Rubber Tired Loaders	1	0	145	0.36	Diesel
2043	Reach 4	Scrapers	1	0	450	0.48	Diesel
2043	Reach 4	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
2043	Reach 4	Tractors/Loaders/Backhoes	3	19	101	0.37	Diesel
2050	Reach 4	Air Compressors	1	3	80	0.48	Diesel
2050	Reach 4	Cranes	1	0	160	0.29	Diesel
2050	Reach 4	Cranes	1	0	240	0.29	Diesel
2050	Reach 4	Cranes	1	1	275	0.29	Diesel
2050	Reach 4	Cranes	1	2	66	0.29	Diesel
2050	Reach 4	Crawler Tractors	1	0	70	0.43	Diesel
2050	Reach 4	Crawler Tractors	1	2	145	0.43	Diesel
2050	Reach 4	Crawler Tractors	1	0	410	0.43	Diesel
2050	Reach 4	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2050	Reach 4	Excavators	1	0	128	0.38	Diesel
2050	Reach 4	Excavators	1	1	523	0.38	Diesel
2050	Reach 4	Excavators	1	0	384	0.38	Diesel
2050	Reach 4	Generator Sets	1	3	12	0.74	Diesel
2050	Reach 4	Generator Sets	1	0	107	0.74	Diesel
2050	Reach 4	Graders	1	1	158	0.41	Diesel
2050	Reach 4	Graders	1	1	215	0.41	Diesel
2050	Reach 4	Off-Highway Trucks	1	0	375	0.38	Diesel
2050	Reach 4	Off-Highway Trucks	1	0	452	0.38	Diesel
2050	Reach 4	Off-Highway Trucks	1	2	650	0.38	Diesel
2050	Reach 4	Plate Compactors	1	0	8	0.43	Diesel
2050	Reach 4	Pumps	1	0	16	0.74	Diesel
2050	Reach 4	Pumps	1	0	60	0.74	Diesel
2050	Reach 4	Rollers	1	0	240	0.38	Diesel
2050	Reach 4	Rollers	1	1	315	0.38	Diesel
2050	Reach 4	Rollers	1	1	150	0.38	Diesel
2050	Reach 4	Rubber Tired Loaders	1	1	197	0.36	Diesel
2050	Reach 4	Rubber Tired Loaders	1	0	501	0.36	Diesel
2050	Reach 4	Scrapers	1	0	175	0.48	Diesel
2050	Reach 4	Scrapers	1	1	450	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2050	Reach 4	Scrapers	1	0	500	0.48	Diesel
2050	Reach 4	Tractors/Loaders/Backhoes	1	1	87	0.37	Diesel
2050	Reach 4	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
2050	Reach 4	Welders	1	0	48	0.45	Diesel
2053	Reach 4	Cranes	1	22	360	0.29	Diesel
2053	Reach 4	Cranes	1	2	175	0.29	Diesel
2053	Reach 4	Rubber Tired Loaders	1	22	200	0.36	Diesel
2060	Reach 4	Crawler Tractors	2	6	70	0.43	Diesel
2060	Reach 4	Crawler Tractors	8	9	145	0.43	Diesel
2060	Reach 4	Crawler Tractors	2	6	410	0.43	Diesel
2060	Reach 4	Excavators	2	10	523	0.38	Diesel
2060	Reach 4	Excavators	1	5	384	0.38	Diesel
2060	Reach 4	Gas Pump	8	10	2	0.69	Gasoline
2060	Reach 4	Generator Sets	10	10	12	0.74	Diesel
2060	Reach 4	Graders	1	0	158	0.41	Diesel
2060	Reach 4	Graders	3	8	215	0.41	Diesel
2060	Reach 4	Off-Highway Trucks	1	8	452	0.38	Diesel
2060	Reach 4	Off-Highway Trucks	10	10	650	0.38	Diesel
2060	Reach 4	Pumps	1	4	16	0.74	Diesel
2060	Reach 4	Rollers	2	10	315	0.38	Diesel
2060	Reach 4	Rollers	1	1	150	0.38	Diesel
2060	Reach 4	Rubber Tired Loaders	1	10	145	0.36	Diesel
2060	Reach 4	Scrapers	4	10	450	0.48	Diesel
2060	Reach 4	Scrapers	1	4	500	0.48	Diesel
2063	Reach 4	Cranes	1	22	360	0.29	Diesel
2063	Reach 4	Pumps	1	7	210	0.74	Diesel
2070	Reach 4	Crawler Tractors	2	6	24	0.43	Diesel
2070	Reach 4	Crawler Tractors	2	10	145	0.43	Diesel
2070	Reach 4	Crawler Tractors	2	10	410	0.43	Diesel
2070	Reach 4	Graders	1	10	215	0.41	Diesel
2070	Reach 4	Rollers	2	10	240	0.38	Diesel
2070	Reach 4	Scrapers	10	10	450	0.48	Diesel
2070	Reach 4	Tractors/Loaders/Backhoes	1	6	87	0.37	Diesel
2073	Reach 4	Cranes	1	24	360	0.29	Diesel
2073	Reach 4	Crawler Tractors	2	20	82	0.43	Diesel
2073	Reach 4	Excavators	1	23	165	0.38	Diesel
2073	Reach 4	Other construction equipment	2	20	6	0.42	Diesel
2073	Reach 4	Pumps	1	2	210	0.74	Diesel
2073	Reach 4	Rollers	1	23	240	0.38	Diesel
2080	Reach 4	Crawler Tractors	1	1	24	0.43	Diesel
2080	Reach 4	Generator Sets	1	1	713	0.74	Diesel
2080	Reach 4	Rubber Tired Loaders	1	4	211	0.36	Diesel
2080	Reach 4	Welders	1	0	48	0.45	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2083	Reach 4	Cranes	1	22	360	0.29	Diesel
2083	Reach 4	Cranes	1	2	175	0.29	Diesel
2083	Reach 4	Rubber Tired Loaders	1	22	200	0.36	Diesel
2093	Reach 4	Cranes	1	22	360	0.29	Diesel
2093	Reach 4	Pumps	1	7	210	0.74	Diesel
2110	Reach 4	Cranes	2	16	360	0.29	Diesel
2110	Reach 4	Crawler Tractors	1	11	82	0.43	Diesel
2110	Reach 4	Rubber Tired Loaders	1	11	65	0.36	Diesel
2110	Reach 4	Rubber Tired Loaders	2	16	200	0.36	Diesel
2110	Reach 4	Welders	2	16	46	0.45	Diesel
2113	Reach 4	Crawler Tractors	1	3	24	0.43	Diesel
2113	Reach 4	Crawler Tractors	1	4	145	0.43	Diesel
2113	Reach 4	Excavators	1	2	384	0.38	Diesel
2113	Reach 4	Graders	1	1	215	0.41	Diesel
2113	Reach 4	Pumps	1	0	16	0.74	Diesel
2113	Reach 4	Rollers	1	2	315	0.38	Diesel
2113	Reach 4	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2123	Reach 4	Air Compressors	1	1	80	0.48	Diesel
2123	Reach 4	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2123	Reach 4	Cranes	2	19	100	0.29	Diesel
2123	Reach 4	Cranes	1	0	66	0.29	Diesel
2123	Reach 4	Crawler Tractors	1	1	145	0.43	Diesel
2123	Reach 4	Excavators	1	1	128	0.38	Diesel
2123	Reach 4	Graders	1	1	215	0.41	Diesel
2123	Reach 4	Pumps	2	19	215	0.74	Diesel
2123	Reach 4	Pumps	1	1	16	0.74	Diesel
2123	Reach 4	Rollers	1	1	150	0.38	Diesel
2123	Reach 4	Scrapers	1	1	175	0.48	Diesel
2123	Reach 4	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2193	Reach 4	Cranes	1	22	360	0.29	Diesel
2193	Reach 4	Crawler Tractors	2	17	82	0.43	Diesel
2193	Reach 4	Excavators	1	20	165	0.38	Diesel
2193	Reach 4	Other construction equipment	2	17	6	0.42	Diesel
2193	Reach 4	Pumps	1	3	210	0.74	Diesel
2193	Reach 4	Rollers	1	20	240	0.38	Diesel
2203	Reach 4	Crawler Tractors	1	5	24	0.43	Diesel
2203	Reach 4	Crawler Tractors	1	3	145	0.43	Diesel
2203	Reach 4	Excavators	1	2	384	0.38	Diesel
2203	Reach 4	Graders	1	1	215	0.41	Diesel
2203	Reach 4	Pumps	1	0	16	0.74	Diesel
2203	Reach 4	Rollers	1	2	315	0.38	Diesel
2203	Reach 4	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2213	Reach 4	Air Compressors	1	1	80	0.48	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2213	Reach 4	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2213	Reach 4	Cranes	2	19	100	0.29	Diesel
2213	Reach 4	Cranes	1	0	66	0.29	Diesel
2213	Reach 4	Crawler Tractors	1	1	145	0.43	Diesel
2213	Reach 4	Excavators	1	1	128	0.38	Diesel
2213	Reach 4	Graders	1	1	215	0.41	Diesel
2213	Reach 4	Pumps	2	19	215	0.74	Diesel
2213	Reach 4	Pumps	1	1	16	0.74	Diesel
2213	Reach 4	Rollers	1	1	150	0.38	Diesel
2213	Reach 4	Scrapers	1	1	175	0.48	Diesel
2213	Reach 4	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2233	Reach 4	Air Compressors	1	3	80	0.48	Diesel
2233	Reach 4	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2233	Reach 4	Cranes	2	22	100	0.29	Diesel
2233	Reach 4	Cranes	1	13	240	0.29	Diesel
2233	Reach 4	Cranes	1	13	275	0.29	Diesel
2233	Reach 4	Cranes	1	13	335	0.29	Diesel
2233	Reach 4	Cranes	1	13	335	0.29	Diesel
2233	Reach 4	Cranes	1	1	66	0.29	Diesel
2233	Reach 4	Crawler Tractors	1	0	70	0.43	Diesel
2233	Reach 4	Crawler Tractors	1	20	145	0.43	Diesel
2233	Reach 4	Excavators	1	0	315	0.38	Diesel
2233	Reach 4	Excavators	1	3	384	0.38	Diesel
2233	Reach 4	Gas Pump	1	2	2	0.69	Gasoline
2233	Reach 4	Generator Sets	1	1	12	0.74	Diesel
2233	Reach 4	Graders	1	0	158	0.41	Diesel
2233	Reach 4	Graders	1	1	215	0.41	Diesel
2233	Reach 4	Off-Highway Trucks	3	19	375	0.38	Diesel
2233	Reach 4	Pumps	2	22	215	0.74	Diesel
2233	Reach 4	Pumps	1	0	16	0.74	Diesel
2233	Reach 4	Pumps	1	14	60	0.74	Diesel
2233	Reach 4	Rollers	1	0	240	0.38	Diesel
2233	Reach 4	Rollers	1	1	315	0.38	Diesel
2233	Reach 4	Rollers	1	0	150	0.38	Diesel
2233	Reach 4	Rollers	1	0	18	0.38	Diesel
2233	Reach 4	Rubber Tired Loaders	1	13	160	0.36	Diesel
2233	Reach 4	Rubber Tired Loaders	1	0	145	0.36	Diesel
2233	Reach 4	Scrapers	1	0	450	0.48	Diesel
2233	Reach 4	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
2233	Reach 4	Tractors/Loaders/Backhoes	3	19	101	0.37	Diesel
2243	Reach 4	Cranes	1	21	360	0.29	Diesel
2243	Reach 4	Cranes	1	2	175	0.29	Diesel
2243	Reach 4	Rubber Tired Loaders	1	21	200	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2253	Reach 4	Cranes	1	21	360	0.29	Diesel
2253	Reach 4	Cranes	1	2	175	0.29	Diesel
2253	Reach 4	Rubber Tired Loaders	1	21	200	0.36	Diesel
2263	Reach 4	Cranes	1	21	360	0.29	Diesel
2263	Reach 4	Pumps	1	7	210	0.74	Diesel
2273	Reach 4	Cranes	1	21	360	0.29	Diesel
2273	Reach 4	Pumps	1	7	210	0.74	Diesel
2283	Reach 4	Cranes	1	22	360	0.29	Diesel
2283	Reach 4	Crawler Tractors	2	17	82	0.43	Diesel
2283	Reach 4	Excavators	1	20	165	0.38	Diesel
2283	Reach 4	Other construction equipment	2	17	6	0.42	Diesel
2283	Reach 4	Pumps	1	3	210	0.74	Diesel
2283	Reach 4	Rollers	1	20	240	0.38	Diesel
2293	Reach 4	Cranes	1	24	360	0.29	Diesel
2293	Reach 4	Crawler Tractors	2	20	82	0.43	Diesel
2293	Reach 4	Excavators	1	23	165	0.38	Diesel
2293	Reach 4	Other construction equipment	2	20	6	0.42	Diesel
2293	Reach 4	Pumps	1	2	210	0.74	Diesel
2293	Reach 4	Rollers	1	23	240	0.38	Diesel
2303	Reach 4	Air Compressors	1	1	80	0.48	Diesel
2303	Reach 4	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2303	Reach 4	Cranes	2	19	100	0.29	Diesel
2303	Reach 4	Cranes	1	0	66	0.29	Diesel
2303	Reach 4	Crawler Tractors	1	0	145	0.43	Diesel
2303	Reach 4	Excavators	1	0	128	0.38	Diesel
2303	Reach 4	Graders	1	0	215	0.41	Diesel
2303	Reach 4	Pumps	2	19	215	0.74	Diesel
2303	Reach 4	Pumps	1	0	16	0.74	Diesel
2303	Reach 4	Rollers	1	0	150	0.38	Diesel
2303	Reach 4	Scrapers	1	0	175	0.48	Diesel
2303	Reach 4	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2313	Reach 4	Crawler Tractors	1	4	24	0.43	Diesel
2313	Reach 4	Crawler Tractors	1	0	70	0.43	Diesel
2313	Reach 4	Crawler Tractors	1	14	145	0.43	Diesel
2313	Reach 4	Crawler Tractors	1	0	410	0.43	Diesel
2313	Reach 4	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2313	Reach 4	Excavators	1	0	128	0.38	Diesel
2313	Reach 4	Excavators	1	6	384	0.38	Diesel
2313	Reach 4	Generator Sets	1	0	12	0.74	Diesel
2313	Reach 4	Graders	1	3	215	0.41	Diesel
2313	Reach 4	Off-Highway Trucks	1	3	375	0.38	Diesel
2313	Reach 4	Pumps	1	2	16	0.74	Diesel
2313	Reach 4	Rollers	1	0	240	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2313	Reach 4	Rollers	1	4	315	0.38	Diesel
2313	Reach 4	Rollers	1	1	150	0.38	Diesel
2313	Reach 4	Scrapers	1	1	175	0.48	Diesel
2313	Reach 4	Scrapers	1	1	450	0.48	Diesel
2313	Reach 4	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2323	Reach 4	Air Compressors	1	1	80	0.48	Diesel
2323	Reach 4	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2323	Reach 4	Cranes	2	19	100	0.29	Diesel
2323	Reach 4	Cranes	1	0	66	0.29	Diesel
2323	Reach 4	Crawler Tractors	1	1	145	0.43	Diesel
2323	Reach 4	Excavators	1	1	128	0.38	Diesel
2323	Reach 4	Graders	1	1	215	0.41	Diesel
2323	Reach 4	Pumps	2	19	215	0.74	Diesel
2323	Reach 4	Pumps	1	1	16	0.74	Diesel
2323	Reach 4	Rollers	1	1	150	0.38	Diesel
2323	Reach 4	Scrapers	1	1	175	0.48	Diesel
2323	Reach 4	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2333	Reach 4	Cranes	1	24	360	0.29	Diesel
2333	Reach 4	Crawler Tractors	1	15	82	0.43	Diesel
2333	Reach 4	Excavators	1	7	165	0.38	Diesel
2333	Reach 4	Other construction equipment	1	15	6	0.42	Diesel
2333	Reach 4	Pumps	1	3	210	0.74	Diesel
2333	Reach 4	Rollers	1	7	240	0.38	Diesel
2343	Reach 4	Air Compressors	1	1	80	0.48	Diesel
2343	Reach 4	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2343	Reach 4	Cranes	2	19	100	0.29	Diesel
2343	Reach 4	Cranes	1	0	66	0.29	Diesel
2343	Reach 4	Crawler Tractors	1	1	145	0.43	Diesel
2343	Reach 4	Excavators	1	1	128	0.38	Diesel
2343	Reach 4	Graders	1	1	215	0.41	Diesel
2343	Reach 4	Pumps	2	19	215	0.74	Diesel
2343	Reach 4	Pumps	1	1	16	0.74	Diesel
2343	Reach 4	Rollers	1	1	150	0.38	Diesel
2343	Reach 4	Scrapers	1	1	175	0.48	Diesel
2343	Reach 4	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2353	Reach 4	Cranes	1	24	360	0.29	Diesel
2353	Reach 4	Crawler Tractors	1	15	82	0.43	Diesel
2353	Reach 4	Excavators	1	7	165	0.38	Diesel
2353	Reach 4	Other construction equipment	1	15	6	0.42	Diesel
2353	Reach 4	Pumps	1	3	210	0.74	Diesel
2353	Reach 4	Rollers	1	7	240	0.38	Diesel
1015	Reach 5	Air Compressors	1	5	80	0.48	Diesel
1015	Reach 5	Cement and Mortar Mixers	4	19	18	0.56	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1015	Reach 5	Cranes	4	19	100	0.29	Diesel
1015	Reach 5	Cranes	2	17	240	0.29	Diesel
1015	Reach 5	Cranes	2	18	275	0.29	Diesel
1015	Reach 5	Cranes	2	18	335	0.29	Diesel
1015	Reach 5	Cranes	2	18	335	0.29	Diesel
1015	Reach 5	Cranes	1	3	66	0.29	Diesel
1015	Reach 5	Crawler Tractors	1	1	70	0.43	Diesel
1015	Reach 5	Crawler Tractors	3	17	145	0.43	Diesel
1015	Reach 5	Excavators	1	1	128	0.38	Diesel
1015	Reach 5	Excavators	1	1	315	0.38	Diesel
1015	Reach 5	Excavators	1	4	384	0.38	Diesel
1015	Reach 5	Gas Pump	1	3	2	0.69	Gasoline
1015	Reach 5	Generator Sets	1	1	12	0.74	Diesel
1015	Reach 5	Graders	1	0	158	0.41	Diesel
1015	Reach 5	Graders	1	3	215	0.41	Diesel
1015	Reach 5	Off-Highway Trucks	7	22	375	0.38	Diesel
1015	Reach 5	Pumps	4	19	215	0.74	Diesel
1015	Reach 5	Pumps	1	1	16	0.74	Diesel
1015	Reach 5	Pumps	2	19	60	0.74	Diesel
1015	Reach 5	Rollers	1	0	240	0.38	Diesel
1015	Reach 5	Rollers	1	2	315	0.38	Diesel
1015	Reach 5	Rollers	1	1	150	0.38	Diesel
1015	Reach 5	Rubber Tired Loaders	2	18	160	0.36	Diesel
1015	Reach 5	Rubber Tired Loaders	1	0	145	0.36	Diesel
1015	Reach 5	Scrapers	1	1	175	0.48	Diesel
1015	Reach 5	Scrapers	1	0	450	0.48	Diesel
1015	Reach 5	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
1015	Reach 5	Tractors/Loaders/Backhoes	5	23	101	0.37	Diesel
1030	Reach 5	Cranes	1	8	175	0.29	Diesel
1040	Reach 5	Cranes	1	24	360	0.29	Diesel
1040	Reach 5	Rubber Tired Loaders	1	24	200	0.36	Diesel
1050	Reach 5	Cranes	1	23	360	0.29	Diesel
1060	Reach 5	Cranes	1	23	360	0.29	Diesel
1060	Reach 5	Pumps	2	23	210	0.74	Diesel
1100	Reach 5	Cranes	1	24	360	0.29	Diesel
1100	Reach 5	Pumps	1	24	210	0.74	Diesel
1110	Reach 5	Cranes	1	23	360	0.29	Diesel
1120	Reach 5	Cranes	1	24	360	0.29	Diesel
1130	Reach 5	Cranes	1	24	360	0.29	Diesel
1160	Reach 5	Cranes	1	23	360	0.29	Diesel
1160	Reach 5	Pumps	2	23	210	0.74	Diesel
1190	Reach 5	Cranes	1	24	360	0.29	Diesel
1190	Reach 5	Cranes	1	1	175	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1190	Reach 5	Rubber Tired Loaders	1	24	200	0.36	Diesel
1210	Reach 5	Cranes	1	23	360	0.29	Diesel
1220	Reach 5	Cranes	1	23	360	0.29	Diesel
1220	Reach 5	Pumps	2	23	210	0.74	Diesel
1230	Reach 5	Cranes	1	23	360	0.29	Diesel
1240	Reach 5	Cranes	1	24	360	0.29	Diesel
1250	Reach 5	Cranes	1	24	360	0.29	Diesel
1260	Reach 5	Cranes	1	24	360	0.29	Diesel
1270	Reach 5	Cranes	1	23	360	0.29	Diesel
1270	Reach 5	Pumps	2	23	210	0.74	Diesel
1280	Reach 5	Cranes	2	13	360	0.29	Diesel
1280	Reach 5	Rubber Tired Loaders	1	24	375	0.36	Diesel
1280	Reach 5	Welders	1	24	46	0.45	Diesel
1290	Reach 5	Cranes	1	8	360	0.29	Diesel
1290	Reach 5	Pumps	1	8	210	0.74	Diesel
1310	Reach 5	Cranes	1	24	360	0.29	Diesel
1390	Reach 5	Air Compressors	1	9	78	0.48	Diesel
1390	Reach 5	Cranes	1	9	175	0.29	Diesel
1390	Reach 5	Crawler Tractors	1	9	335	0.43	Diesel
1390	Reach 5	Rubber Tired Loaders	1	9	100	0.36	Diesel
1390	Reach 5	Welders	1	19	46	0.45	Diesel
1650	Reach 5	Cranes	1	1	360	0.29	Diesel
1650	Reach 5	Cranes	1	2	360	0.29	Diesel
1650	Reach 5	Cranes	1	2	175	0.29	Diesel
1650	Reach 5	Crawler Tractors	1	2	335	0.43	Diesel
1650	Reach 5	Excavators	1	2	165	0.38	Diesel
1650	Reach 5	Rubber Tired Loaders	1	2	100	0.36	Diesel
1650	Reach 5	Rubber Tired Loaders	1	2	375	0.36	Diesel
1650	Reach 5	Welders	1	22	46	0.45	Diesel
1660	Reach 5	Cranes	1	1	360	0.29	Diesel
1660	Reach 5	Cranes	1	2	360	0.29	Diesel
1660	Reach 5	Cranes	1	2	175	0.29	Diesel
1660	Reach 5	Crawler Tractors	1	2	335	0.43	Diesel
1660	Reach 5	Excavators	1	2	165	0.38	Diesel
1660	Reach 5	Rubber Tired Loaders	1	2	100	0.36	Diesel
1660	Reach 5	Rubber Tired Loaders	1	2	375	0.36	Diesel
1660	Reach 5	Welders	1	22	46	0.45	Diesel
1880	Reach 5	Cranes	2	13	360	0.29	Diesel
1880	Reach 5	Rubber Tired Loaders	1	24	375	0.36	Diesel
1880	Reach 5	Welders	1	24	46	0.45	Diesel
1890	Reach 5	Cranes	1	24	360	0.29	Diesel
1890	Reach 5	Crawler Tractors	1	11	82	0.43	Diesel
1890	Reach 5	Rubber Tired Loaders	1	11	65	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1890	Reach 5	Rubber Tired Loaders	1	24	200	0.36	Diesel
1890	Reach 5	Welders	1	24	46	0.45	Diesel
2010	Reach 5	Crawler Tractors	1	15	335	0.43	Diesel
2010	Reach 5	Graders	1	15	200	0.41	Diesel
2010	Reach 5	Off-Highway Trucks	2	15	450	0.38	Diesel
2010	Reach 5	Rollers	2	15	240	0.38	Diesel
2010	Reach 5	Rubber Tired Loaders	1	15	375	0.36	Diesel
2020	Reach 5	Crawler Tractors	1	3	24	0.43	Diesel
2020	Reach 5	Generator Sets	1	3	713	0.74	Diesel
2020	Reach 5	Rubber Tired Loaders	1	9	211	0.36	Diesel
2020	Reach 5	Welders	1	1	48	0.45	Diesel
2033	Reach 5	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2033	Reach 5	Cranes	2	19	100	0.29	Diesel
2033	Reach 5	Crawler Tractors	1	0	145	0.43	Diesel
2033	Reach 5	Excavators	1	0	128	0.38	Diesel
2033	Reach 5	Graders	1	0	215	0.41	Diesel
2033	Reach 5	Pumps	2	19	215	0.74	Diesel
2033	Reach 5	Pumps	1	0	16	0.74	Diesel
2033	Reach 5	Rollers	1	0	150	0.38	Diesel
2033	Reach 5	Scrapers	1	0	175	0.48	Diesel
2033	Reach 5	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2040	Reach 5	Cranes	1	7	360	0.29	Diesel
2040	Reach 5	Cranes	1	10	175	0.29	Diesel
2040	Reach 5	Rubber Tired Loaders	1	10	200	0.36	Diesel
2040	Reach 5	Rubber Tired Loaders	1	7	375	0.36	Diesel
2043	Reach 5	Air Compressors	1	4	80	0.48	Diesel
2043	Reach 5	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2043	Reach 5	Cranes	2	22	100	0.29	Diesel
2043	Reach 5	Cranes	1	13	240	0.29	Diesel
2043	Reach 5	Cranes	1	13	275	0.29	Diesel
2043	Reach 5	Cranes	1	13	335	0.29	Diesel
2043	Reach 5	Cranes	1	13	335	0.29	Diesel
2043	Reach 5	Cranes	1	2	66	0.29	Diesel
2043	Reach 5	Crawler Tractors	1	0	70	0.43	Diesel
2043	Reach 5	Crawler Tractors	1	20	145	0.43	Diesel
2043	Reach 5	Excavators	1	0	128	0.38	Diesel
2043	Reach 5	Excavators	1	0	315	0.38	Diesel
2043	Reach 5	Excavators	1	2	384	0.38	Diesel
2043	Reach 5	Gas Pump	1	1	2	0.69	Gasoline
2043	Reach 5	Graders	1	0	158	0.41	Diesel
2043	Reach 5	Graders	1	1	215	0.41	Diesel
2043	Reach 5	Off-Highway Trucks	3	19	375	0.38	Diesel
2043	Reach 5	Pumps	2	22	215	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2043	Reach 5	Pumps	1	0	16	0.74	Diesel
2043	Reach 5	Pumps	1	14	60	0.74	Diesel
2043	Reach 5	Rollers	1	1	315	0.38	Diesel
2043	Reach 5	Rollers	1	0	150	0.38	Diesel
2043	Reach 5	Rubber Tired Loaders	1	13	160	0.36	Diesel
2043	Reach 5	Rubber Tired Loaders	1	0	145	0.36	Diesel
2043	Reach 5	Scrapers	1	0	175	0.48	Diesel
2043	Reach 5	Scrapers	1	0	450	0.48	Diesel
2043	Reach 5	Tractors/Loaders/Backhoes	3	19	101	0.37	Diesel
2050	Reach 5	Air Compressors	1	3	80	0.48	Diesel
2050	Reach 5	Cranes	1	0	160	0.29	Diesel
2050	Reach 5	Cranes	1	0	240	0.29	Diesel
2050	Reach 5	Cranes	1	1	275	0.29	Diesel
2050	Reach 5	Cranes	1	2	66	0.29	Diesel
2050	Reach 5	Crawler Tractors	1	0	70	0.43	Diesel
2050	Reach 5	Crawler Tractors	1	0	145	0.43	Diesel
2050	Reach 5	Generator Sets	1	0	107	0.74	Diesel
2050	Reach 5	Graders	1	1	158	0.41	Diesel
2050	Reach 5	Graders	1	0	215	0.41	Diesel
2050	Reach 5	Off-Highway Trucks	1	0	375	0.38	Diesel
2050	Reach 5	Plate Compactors	1	0	8	0.43	Diesel
2050	Reach 5	Rollers	1	1	150	0.38	Diesel
2050	Reach 5	Rubber Tired Loaders	1	1	197	0.36	Diesel
2050	Reach 5	Scrapers	1	0	175	0.48	Diesel
2050	Reach 5	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2050	Reach 5	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
2050	Reach 5	Welders	1	0	48	0.45	Diesel
2053	Reach 5	Cranes	1	21	360	0.29	Diesel
2053	Reach 5	Cranes	1	3	175	0.29	Diesel
2053	Reach 5	Rubber Tired Loaders	1	21	200	0.36	Diesel
2060	Reach 5	Crawler Tractors	1	7	70	0.43	Diesel
2060	Reach 5	Crawler Tractors	3	17	145	0.43	Diesel
2060	Reach 5	Crawler Tractors	1	8	410	0.43	Diesel
2060	Reach 5	Excavators	1	14	523	0.38	Diesel
2060	Reach 5	Excavators	1	3	384	0.38	Diesel
2060	Reach 5	Gas Pump	2	18	2	0.69	Gasoline
2060	Reach 5	Generator Sets	3	23	12	0.74	Diesel
2060	Reach 5	Graders	1	0	158	0.41	Diesel
2060	Reach 5	Graders	1	16	215	0.41	Diesel
2060	Reach 5	Off-Highway Trucks	1	5	452	0.38	Diesel
2060	Reach 5	Off-Highway Trucks	2	21	650	0.38	Diesel
2060	Reach 5	Pumps	1	3	16	0.74	Diesel
2060	Reach 5	Rollers	1	14	315	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2060	Reach 5	Rollers	1	0	150	0.38	Diesel
2060	Reach 5	Rubber Tired Loaders	1	5	145	0.36	Diesel
2060	Reach 5	Scrapers	2	13	450	0.48	Diesel
2060	Reach 5	Scrapers	1	3	500	0.48	Diesel
2063	Reach 5	Cranes	1	22	360	0.29	Diesel
2063	Reach 5	Pumps	1	8	210	0.74	Diesel
2070	Reach 5	Crawler Tractors	2	8	24	0.43	Diesel
2070	Reach 5	Crawler Tractors	3	8	145	0.43	Diesel
2070	Reach 5	Crawler Tractors	3	8	410	0.43	Diesel
2070	Reach 5	Graders	2	6	215	0.41	Diesel
2070	Reach 5	Rollers	3	8	240	0.38	Diesel
2070	Reach 5	Scrapers	13	10	450	0.48	Diesel
2070	Reach 5	Tractors/Loaders/Backhoes	1	8	87	0.37	Diesel
2073	Reach 5	Cranes	1	23	360	0.29	Diesel
2073	Reach 5	Crawler Tractors	2	18	82	0.43	Diesel
2073	Reach 5	Excavators	1	22	165	0.38	Diesel
2073	Reach 5	Other construction equipment	2	18	6	0.42	Diesel
2073	Reach 5	Pumps	1	2	210	0.74	Diesel
2073	Reach 5	Rollers	1	22	240	0.38	Diesel
2083	Reach 5	Cranes	1	21	360	0.29	Diesel
2083	Reach 5	Cranes	1	3	175	0.29	Diesel
2083	Reach 5	Rubber Tired Loaders	1	21	200	0.36	Diesel
2103	Reach 5	Cranes	1	23	360	0.29	Diesel
2103	Reach 5	Crawler Tractors	2	18	82	0.43	Diesel
2103	Reach 5	Excavators	1	22	165	0.38	Diesel
2103	Reach 5	Other construction equipment	2	18	6	0.42	Diesel
2103	Reach 5	Pumps	1	2	210	0.74	Diesel
2103	Reach 5	Rollers	1	22	240	0.38	Diesel
2110	Reach 5	Cranes	1	24	360	0.29	Diesel
2110	Reach 5	Crawler Tractors	1	11	82	0.43	Diesel
2110	Reach 5	Rubber Tired Loaders	1	11	65	0.36	Diesel
2110	Reach 5	Rubber Tired Loaders	1	24	200	0.36	Diesel
2110	Reach 5	Welders	1	24	46	0.45	Diesel
2113	Reach 5	Crawler Tractors	2	9	24	0.43	Diesel
2113	Reach 5	Crawler Tractors	2	5	145	0.43	Diesel
2113	Reach 5	Excavators	1	5	384	0.38	Diesel
2113	Reach 5	Graders	1	3	215	0.41	Diesel
2113	Reach 5	Pumps	1	1	16	0.74	Diesel
2113	Reach 5	Rollers	1	5	315	0.38	Diesel
2113	Reach 5	Tractors/Loaders/Backhoes	1	9	87	0.37	Diesel
2213	Reach 5	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2213	Reach 5	Cranes	2	19	100	0.29	Diesel
2213	Reach 5	Crawler Tractors	1	0	145	0.43	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2213	Reach 5	Excavators	1	0	128	0.38	Diesel
2213	Reach 5	Graders	1	0	215	0.41	Diesel
2213	Reach 5	Pumps	2	19	215	0.74	Diesel
2213	Reach 5	Pumps	1	0	16	0.74	Diesel
2213	Reach 5	Rollers	1	0	150	0.38	Diesel
2213	Reach 5	Scrapers	1	0	175	0.48	Diesel
2213	Reach 5	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2223	Reach 5	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2223	Reach 5	Cranes	2	19	100	0.29	Diesel
2223	Reach 5	Crawler Tractors	1	0	145	0.43	Diesel
2223	Reach 5	Excavators	1	0	128	0.38	Diesel
2223	Reach 5	Graders	1	0	215	0.41	Diesel
2223	Reach 5	Pumps	2	19	215	0.74	Diesel
2223	Reach 5	Pumps	1	0	16	0.74	Diesel
2223	Reach 5	Rollers	1	0	150	0.38	Diesel
2223	Reach 5	Scrapers	1	0	175	0.48	Diesel
2223	Reach 5	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2243	Reach 5	Cranes	1	22	360	0.29	Diesel
1020	Reach 6	Air Compressors	1	20	80	0.48	Diesel
1020	Reach 6	Cranes	1	8	175	0.29	Diesel
1020	Reach 6	Cranes	1	10	66	0.29	Diesel
1030	Reach 6	Cranes	1	7	240	0.29	Diesel
1030	Reach 6	Cranes	1	24	275	0.29	Diesel
1030	Reach 6	Cranes	1	13	335	0.29	Diesel
1030	Reach 6	Cranes	1	24	335	0.29	Diesel
1030	Reach 6	Crawler Tractors	1	24	145	0.43	Diesel
1030	Reach 6	Off-Highway Trucks	2	24	375	0.38	Diesel
1030	Reach 6	Pumps	1	24	60	0.74	Diesel
1030	Reach 6	Rubber Tired Loaders	1	24	160	0.36	Diesel
1030	Reach 6	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
1040	Reach 6	Cranes	1	24	360	0.29	Diesel
1040	Reach 6	Rubber Tired Loaders	1	24	200	0.36	Diesel
1050	Reach 6	Cranes	1	23	360	0.29	Diesel
1060	Reach 6	Cranes	1	23	360	0.29	Diesel
1060	Reach 6	Pumps	2	23	210	0.74	Diesel
1090	Reach 6	Air Compressors	1	2	80	0.48	Diesel
1090	Reach 6	Cement and Mortar Mixers	1	15	18	0.56	Diesel
1090	Reach 6	Cranes	1	15	100	0.29	Diesel
1090	Reach 6	Cranes	1	9	240	0.29	Diesel
1090	Reach 6	Cranes	1	9	275	0.29	Diesel
1090	Reach 6	Cranes	1	9	335	0.29	Diesel
1090	Reach 6	Cranes	1	9	335	0.29	Diesel
1090	Reach 6	Cranes	1	1	66	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1090	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
1090	Reach 6	Crawler Tractors	1	12	145	0.43	Diesel
1090	Reach 6	Excavators	1	0	315	0.38	Diesel
1090	Reach 6	Excavators	1	1	384	0.38	Diesel
1090	Reach 6	Graders	1	0	158	0.41	Diesel
1090	Reach 6	Graders	1	0	215	0.41	Diesel
1090	Reach 6	Off-Highway Trucks	2	19	375	0.38	Diesel
1090	Reach 6	Pumps	1	15	215	0.74	Diesel
1090	Reach 6	Pumps	1	0	16	0.74	Diesel
1090	Reach 6	Pumps	1	9	60	0.74	Diesel
1090	Reach 6	Rollers	1	0	315	0.38	Diesel
1090	Reach 6	Rollers	1	0	150	0.38	Diesel
1090	Reach 6	Rubber Tired Loaders	1	9	160	0.36	Diesel
1090	Reach 6	Scrapers	1	0	450	0.48	Diesel
1090	Reach 6	Tractors/Loaders/Backhoes	2	12	101	0.37	Diesel
1100	Reach 6	Cranes	1	12	360	0.29	Diesel
1100	Reach 6	Pumps	1	12	210	0.74	Diesel
1110	Reach 6	Cranes	1	24	360	0.29	Diesel
1120	Reach 6	Cranes	1	24	360	0.29	Diesel
1130	Reach 6	Cranes	1	24	360	0.29	Diesel
1140	Reach 6	Air Compressors	1	1	80	0.48	Diesel
1140	Reach 6	Cement and Mortar Mixers	3	18	18	0.56	Diesel
1140	Reach 6	Cranes	3	18	100	0.29	Diesel
1140	Reach 6	Cranes	1	1	66	0.29	Diesel
1140	Reach 6	Pumps	3	18	215	0.74	Diesel
1140	Reach 6	Tractors/Loaders/Backhoes	3	18	101	0.37	Diesel
1150	Reach 6	Cranes	1	22	360	0.29	Diesel
1150	Reach 6	Cranes	1	1	175	0.29	Diesel
1150	Reach 6	Pumps	1	5	210	0.74	Diesel
1150	Reach 6	Rubber Tired Loaders	1	9	200	0.36	Diesel
1160	Reach 6	Cranes	1	24	360	0.29	Diesel
1160	Reach 6	Pumps	2	24	210	0.74	Diesel
1170	Reach 6	Air Compressors	1	20	80	0.48	Diesel
1170	Reach 6	Cranes	1	8	175	0.29	Diesel
1170	Reach 6	Cranes	1	10	66	0.29	Diesel
1180	Reach 6	Cranes	1	7	240	0.29	Diesel
1180	Reach 6	Cranes	1	24	275	0.29	Diesel
1180	Reach 6	Cranes	1	13	335	0.29	Diesel
1180	Reach 6	Cranes	1	24	335	0.29	Diesel
1180	Reach 6	Crawler Tractors	1	24	145	0.43	Diesel
1180	Reach 6	Off-Highway Trucks	2	24	375	0.38	Diesel
1180	Reach 6	Pumps	1	24	60	0.74	Diesel
1180	Reach 6	Rubber Tired Loaders	1	24	160	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1180	Reach 6	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
1190	Reach 6	Cranes	1	24	360	0.29	Diesel
1190	Reach 6	Rubber Tired Loaders	1	24	200	0.36	Diesel
1200	Reach 6	Air Compressors	1	1	80	0.48	Diesel
1200	Reach 6	Cement and Mortar Mixers	3	18	18	0.56	Diesel
1200	Reach 6	Cranes	3	18	100	0.29	Diesel
1200	Reach 6	Cranes	1	1	66	0.29	Diesel
1200	Reach 6	Pumps	3	18	215	0.74	Diesel
1200	Reach 6	Tractors/Loaders/Backhoes	3	18	101	0.37	Diesel
1210	Reach 6	Cranes	1	23	360	0.29	Diesel
1220	Reach 6	Cranes	1	23	360	0.29	Diesel
1220	Reach 6	Pumps	2	23	210	0.74	Diesel
1250	Reach 6	Cranes	1	24	360	0.29	Diesel
1260	Reach 6	Cranes	1	24	360	0.29	Diesel
1270	Reach 6	Cranes	1	24	360	0.29	Diesel
1270	Reach 6	Pumps	2	24	210	0.74	Diesel
1280	Reach 6	Cranes	2	13	360	0.29	Diesel
1280	Reach 6	Rubber Tired Loaders	1	24	375	0.36	Diesel
1280	Reach 6	Welders	1	24	46	0.45	Diesel
1310	Reach 6	Cranes	1	24	360	0.29	Diesel
1320	Reach 6	Cranes	2	20	360	0.29	Diesel
1320	Reach 6	Pumps	1	2	210	0.74	Diesel
1330	Reach 6	Air Compressors	1	2	80	0.48	Diesel
1330	Reach 6	Cement and Mortar Mixers	1	15	18	0.56	Diesel
1330	Reach 6	Cranes	1	15	100	0.29	Diesel
1330	Reach 6	Cranes	1	9	240	0.29	Diesel
1330	Reach 6	Cranes	1	9	275	0.29	Diesel
1330	Reach 6	Cranes	1	9	335	0.29	Diesel
1330	Reach 6	Cranes	1	9	335	0.29	Diesel
1330	Reach 6	Cranes	1	1	66	0.29	Diesel
1330	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
1330	Reach 6	Crawler Tractors	1	12	145	0.43	Diesel
1330	Reach 6	Excavators	1	0	315	0.38	Diesel
1330	Reach 6	Excavators	1	1	384	0.38	Diesel
1330	Reach 6	Graders	1	0	158	0.41	Diesel
1330	Reach 6	Graders	1	0	215	0.41	Diesel
1330	Reach 6	Off-Highway Trucks	2	19	375	0.38	Diesel
1330	Reach 6	Pumps	1	15	215	0.74	Diesel
1330	Reach 6	Pumps	1	0	16	0.74	Diesel
1330	Reach 6	Pumps	1	9	60	0.74	Diesel
1330	Reach 6	Rollers	1	0	315	0.38	Diesel
1330	Reach 6	Rollers	1	0	150	0.38	Diesel
1330	Reach 6	Rubber Tired Loaders	1	9	160	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1330	Reach 6	Scrapers	1	0	450	0.48	Diesel
1330	Reach 6	Tractors/Loaders/Backhoes	2	12	101	0.37	Diesel
1340	Reach 6	Cranes	1	23	360	0.29	Diesel
1340	Reach 6	Crawler Tractors	2	12	82	0.43	Diesel
1340	Reach 6	Excavators	1	15	165	0.38	Diesel
1340	Reach 6	Other construction equipment	2	12	6	0.42	Diesel
1340	Reach 6	Pumps	1	1	210	0.74	Diesel
1340	Reach 6	Rollers	1	15	240	0.38	Diesel
1350	Reach 6	Cranes	1	22	360	0.29	Diesel
1350	Reach 6	Cranes	1	1	175	0.29	Diesel
1350	Reach 6	Pumps	1	5	210	0.74	Diesel
1350	Reach 6	Rubber Tired Loaders	1	9	200	0.36	Diesel
1360	Reach 6	Cranes	1	21	360	0.29	Diesel
1360	Reach 6	Crawler Tractors	1	23	82	0.43	Diesel
1360	Reach 6	Excavators	1	14	165	0.38	Diesel
1360	Reach 6	Other construction equipment	1	23	6	0.42	Diesel
1360	Reach 6	Pumps	1	1	210	0.74	Diesel
1360	Reach 6	Rollers	1	14	240	0.38	Diesel
1390	Reach 6	Air Compressors	1	9	78	0.48	Diesel
1390	Reach 6	Cranes	1	9	175	0.29	Diesel
1390	Reach 6	Crawler Tractors	1	9	335	0.43	Diesel
1390	Reach 6	Rubber Tired Loaders	1	9	100	0.36	Diesel
1390	Reach 6	Welders	1	19	46	0.45	Diesel
1400	Reach 6	Cranes	2	20	360	0.29	Diesel
1400	Reach 6	Crawler Tractors	1	8	82	0.43	Diesel
1400	Reach 6	Excavators	1	4	165	0.38	Diesel
1400	Reach 6	Other construction equipment	1	8	6	0.42	Diesel
1400	Reach 6	Pumps	1	7	210	0.74	Diesel
1400	Reach 6	Rollers	1	4	240	0.38	Diesel
1410	Reach 6	Cranes	2	20	360	0.29	Diesel
1410	Reach 6	Crawler Tractors	1	8	82	0.43	Diesel
1410	Reach 6	Excavators	1	4	165	0.38	Diesel
1410	Reach 6	Other construction equipment	1	8	6	0.42	Diesel
1410	Reach 6	Pumps	1	7	210	0.74	Diesel
1410	Reach 6	Rollers	1	4	240	0.38	Diesel
1450	Reach 6	Crawler Tractors	1	6	24	0.43	Diesel
1450	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
1450	Reach 6	Crawler Tractors	3	7	145	0.43	Diesel
1450	Reach 6	Crawler Tractors	1	0	410	0.43	Diesel
1450	Reach 6	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
1450	Reach 6	Excavators	1	0	128	0.38	Diesel
1450	Reach 6	Excavators	1	9	384	0.38	Diesel
1450	Reach 6	Generator Sets	1	0	12	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1450	Reach 6	Graders	1	5	215	0.41	Diesel
1450	Reach 6	Off-Highway Trucks	1	5	375	0.38	Diesel
1450	Reach 6	Pumps	1	3	16	0.74	Diesel
1450	Reach 6	Rollers	1	0	240	0.38	Diesel
1450	Reach 6	Rollers	1	6	315	0.38	Diesel
1450	Reach 6	Rollers	1	1	150	0.38	Diesel
1450	Reach 6	Scrapers	1	3	175	0.48	Diesel
1450	Reach 6	Scrapers	1	2	450	0.48	Diesel
1450	Reach 6	Tractors/Loaders/Backhoes	1	3	87	0.37	Diesel
1460	Reach 6	Crawler Tractors	1	4	24	0.43	Diesel
1460	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
1460	Reach 6	Crawler Tractors	2	10	145	0.43	Diesel
1460	Reach 6	Crawler Tractors	1	0	410	0.43	Diesel
1460	Reach 6	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
1460	Reach 6	Excavators	1	0	128	0.38	Diesel
1460	Reach 6	Excavators	1	8	384	0.38	Diesel
1460	Reach 6	Generator Sets	1	0	12	0.74	Diesel
1460	Reach 6	Graders	1	5	215	0.41	Diesel
1460	Reach 6	Off-Highway Trucks	1	5	375	0.38	Diesel
1460	Reach 6	Pumps	1	3	16	0.74	Diesel
1460	Reach 6	Rollers	1	0	240	0.38	Diesel
1460	Reach 6	Rollers	1	6	315	0.38	Diesel
1460	Reach 6	Rollers	1	1	150	0.38	Diesel
1460	Reach 6	Scrapers	1	3	175	0.48	Diesel
1460	Reach 6	Scrapers	1	2	450	0.48	Diesel
1460	Reach 6	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
1650	Reach 6	Cranes	1	1	360	0.29	Diesel
1650	Reach 6	Cranes	1	2	360	0.29	Diesel
1650	Reach 6	Cranes	1	2	175	0.29	Diesel
1650	Reach 6	Crawler Tractors	1	2	335	0.43	Diesel
1650	Reach 6	Excavators	1	2	165	0.38	Diesel
1650	Reach 6	Rubber Tired Loaders	1	2	100	0.36	Diesel
1650	Reach 6	Rubber Tired Loaders	1	2	375	0.36	Diesel
1650	Reach 6	Welders	1	22	46	0.45	Diesel
1660	Reach 6	Cranes	1	1	360	0.29	Diesel
1660	Reach 6	Cranes	1	2	360	0.29	Diesel
1660	Reach 6	Cranes	1	2	175	0.29	Diesel
1660	Reach 6	Crawler Tractors	1	2	335	0.43	Diesel
1660	Reach 6	Excavators	1	2	165	0.38	Diesel
1660	Reach 6	Rubber Tired Loaders	1	2	100	0.36	Diesel
1660	Reach 6	Rubber Tired Loaders	1	2	375	0.36	Diesel
1660	Reach 6	Welders	1	22	46	0.45	Diesel
1880	Reach 6	Cranes	2	13	360	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1880	Reach 6	Rubber Tired Loaders	1	24	375	0.36	Diesel
1880	Reach 6	Welders	1	24	46	0.45	Diesel
1890	Reach 6	Cranes	1	18	360	0.29	Diesel
1890	Reach 6	Crawler Tractors	1	8	82	0.43	Diesel
1890	Reach 6	Rubber Tired Loaders	1	8	65	0.36	Diesel
1890	Reach 6	Rubber Tired Loaders	1	18	200	0.36	Diesel
1890	Reach 6	Welders	1	18	46	0.45	Diesel
2010	Reach 6	Crawler Tractors	1	15	335	0.43	Diesel
2010	Reach 6	Graders	1	15	200	0.41	Diesel
2010	Reach 6	Off-Highway Trucks	2	15	450	0.38	Diesel
2010	Reach 6	Rollers	2	15	240	0.38	Diesel
2010	Reach 6	Rubber Tired Loaders	1	15	375	0.36	Diesel
2033	Reach 6	Air Compressors	1	1	80	0.48	Diesel
2033	Reach 6	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2033	Reach 6	Cranes	2	19	100	0.29	Diesel
2033	Reach 6	Cranes	1	0	66	0.29	Diesel
2033	Reach 6	Crawler Tractors	1	0	145	0.43	Diesel
2033	Reach 6	Excavators	1	0	128	0.38	Diesel
2033	Reach 6	Graders	1	0	215	0.41	Diesel
2033	Reach 6	Pumps	2	19	215	0.74	Diesel
2033	Reach 6	Pumps	1	0	16	0.74	Diesel
2033	Reach 6	Rollers	1	0	150	0.38	Diesel
2033	Reach 6	Scrapers	1	0	175	0.48	Diesel
2033	Reach 6	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2040	Reach 6	Cranes	1	6	360	0.29	Diesel
2040	Reach 6	Cranes	1	8	175	0.29	Diesel
2040	Reach 6	Rubber Tired Loaders	1	8	200	0.36	Diesel
2040	Reach 6	Rubber Tired Loaders	1	6	375	0.36	Diesel
2043	Reach 6	Air Compressors	1	4	80	0.48	Diesel
2043	Reach 6	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2043	Reach 6	Cranes	2	22	100	0.29	Diesel
2043	Reach 6	Cranes	1	13	240	0.29	Diesel
2043	Reach 6	Cranes	1	13	275	0.29	Diesel
2043	Reach 6	Cranes	1	13	335	0.29	Diesel
2043	Reach 6	Cranes	1	13	335	0.29	Diesel
2043	Reach 6	Cranes	1	2	66	0.29	Diesel
2043	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
2043	Reach 6	Crawler Tractors	1	20	145	0.43	Diesel
2043	Reach 6	Excavators	1	0	128	0.38	Diesel
2043	Reach 6	Excavators	1	0	315	0.38	Diesel
2043	Reach 6	Excavators	1	2	384	0.38	Diesel
2043	Reach 6	Gas Pump	1	1	2	0.69	Gasoline
2043	Reach 6	Graders	1	0	158	0.41	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2043	Reach 6	Graders	1	1	215	0.41	Diesel
2043	Reach 6	Off-Highway Trucks	3	19	375	0.38	Diesel
2043	Reach 6	Pumps	2	22	215	0.74	Diesel
2043	Reach 6	Pumps	1	0	16	0.74	Diesel
2043	Reach 6	Pumps	1	14	60	0.74	Diesel
2043	Reach 6	Rollers	1	1	315	0.38	Diesel
2043	Reach 6	Rollers	1	0	150	0.38	Diesel
2043	Reach 6	Rubber Tired Loaders	1	13	160	0.36	Diesel
2043	Reach 6	Rubber Tired Loaders	1	0	145	0.36	Diesel
2043	Reach 6	Scrapers	1	0	175	0.48	Diesel
2043	Reach 6	Scrapers	1	0	450	0.48	Diesel
2043	Reach 6	Tractors/Loaders/Backhoes	3	19	101	0.37	Diesel
2050	Reach 6	Air Compressors	1	3	80	0.48	Diesel
2050	Reach 6	Air Compressors	1	4	115	0.48	Diesel
2050	Reach 6	Cranes	1	0	160	0.29	Diesel
2050	Reach 6	Cranes	1	6	240	0.29	Diesel
2050	Reach 6	Cranes	1	1	275	0.29	Diesel
2050	Reach 6	Cranes	1	2	335	0.29	Diesel
2050	Reach 6	Cranes	1	4	375	0.29	Diesel
2050	Reach 6	Cranes	1	6	66	0.29	Diesel
2050	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
2050	Reach 6	Crawler Tractors	1	4	145	0.43	Diesel
2050	Reach 6	Crawler Tractors	1	1	410	0.43	Diesel
2050	Reach 6	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2050	Reach 6	Excavators	1	0	128	0.38	Diesel
2050	Reach 6	Excavators	1	1	523	0.38	Diesel
2050	Reach 6	Excavators	1	0	315	0.38	Diesel
2050	Reach 6	Excavators	1	0	384	0.38	Diesel
2050	Reach 6	Gas Pump	1	0	2	0.69	Gasoline
2050	Reach 6	Generator Sets	1	15	12	0.74	Diesel
2050	Reach 6	Generator Sets	1	4	23	0.74	Diesel
2050	Reach 6	Generator Sets	1	0	107	0.74	Diesel
2050	Reach 6	Graders	1	1	158	0.41	Diesel
2050	Reach 6	Graders	1	2	215	0.41	Diesel
2050	Reach 6	Off-Highway Trucks	1	0	375	0.38	Diesel
2050	Reach 6	Off-Highway Trucks	1	0	452	0.38	Diesel
2050	Reach 6	Off-Highway Trucks	1	2	650	0.38	Diesel
2050	Reach 6	Other construction equipment	1	4	325	0.42	Diesel
2050	Reach 6	Plate Compactors	1	0	8	0.43	Diesel
2050	Reach 6	Pumps	1	1	16	0.74	Diesel
2050	Reach 6	Pumps	1	0	60	0.74	Diesel
2050	Reach 6	Rollers	1	1	240	0.38	Diesel
2050	Reach 6	Rollers	1	1	315	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2050	Reach 6	Rollers	1	2	150	0.38	Diesel
2050	Reach 6	Rollers	1	0	18	0.38	Diesel
2050	Reach 6	Rubber Tired Loaders	1	1	197	0.36	Diesel
2050	Reach 6	Rubber Tired Loaders	1	0	211	0.36	Diesel
2050	Reach 6	Rubber Tired Loaders	1	0	501	0.36	Diesel
2050	Reach 6	Rubber Tired Loaders	1	0	145	0.36	Diesel
2050	Reach 6	Scrapers	1	1	175	0.48	Diesel
2050	Reach 6	Scrapers	1	3	450	0.48	Diesel
2050	Reach 6	Scrapers	1	1	500	0.48	Diesel
2050	Reach 6	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2050	Reach 6	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
2050	Reach 6	Welders	1	4	48	0.45	Diesel
2053	Reach 6	Cranes	1	22	360	0.29	Diesel
2053	Reach 6	Cranes	1	3	175	0.29	Diesel
2053	Reach 6	Rubber Tired Loaders	1	22	200	0.36	Diesel
2060	Reach 6	Crawler Tractors	1	12	70	0.43	Diesel
2060	Reach 6	Crawler Tractors	4	18	145	0.43	Diesel
2060	Reach 6	Crawler Tractors	1	12	410	0.43	Diesel
2060	Reach 6	Excavators	1	19	523	0.38	Diesel
2060	Reach 6	Excavators	1	5	384	0.38	Diesel
2060	Reach 6	Gas Pump	3	24	2	0.69	Gasoline
2060	Reach 6	Generator Sets	5	19	12	0.74	Diesel
2060	Reach 6	Graders	1	0	158	0.41	Diesel
2060	Reach 6	Graders	2	12	215	0.41	Diesel
2060	Reach 6	Off-Highway Trucks	1	8	452	0.38	Diesel
2060	Reach 6	Off-Highway Trucks	3	19	650	0.38	Diesel
2060	Reach 6	Pumps	1	4	16	0.74	Diesel
2060	Reach 6	Rollers	1	19	315	0.38	Diesel
2060	Reach 6	Rollers	1	1	150	0.38	Diesel
2060	Reach 6	Rubber Tired Loaders	1	9	145	0.36	Diesel
2060	Reach 6	Scrapers	2	19	450	0.48	Diesel
2060	Reach 6	Scrapers	1	4	500	0.48	Diesel
2063	Reach 6	Cranes	1	23	360	0.29	Diesel
2063	Reach 6	Pumps	1	8	210	0.74	Diesel
2070	Reach 6	Crawler Tractors	2	6	24	0.43	Diesel
2070	Reach 6	Crawler Tractors	2	10	145	0.43	Diesel
2070	Reach 6	Crawler Tractors	2	10	410	0.43	Diesel
2070	Reach 6	Graders	1	10	215	0.41	Diesel
2070	Reach 6	Rollers	2	10	240	0.38	Diesel
2070	Reach 6	Scrapers	10	10	450	0.48	Diesel
2070	Reach 6	Tractors/Loaders/Backhoes	1	6	87	0.37	Diesel
2073	Reach 6	Cranes	1	22	360	0.29	Diesel
2073	Reach 6	Crawler Tractors	2	18	82	0.43	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2073	Reach 6	Excavators	1	21	165	0.38	Diesel
2073	Reach 6	Other construction equipment	2	18	6	0.42	Diesel
2073	Reach 6	Pumps	1	2	210	0.74	Diesel
2073	Reach 6	Rollers	1	21	240	0.38	Diesel
2080	Reach 6	Crawler Tractors	1	5	24	0.43	Diesel
2080	Reach 6	Generator Sets	1	5	713	0.74	Diesel
2080	Reach 6	Rubber Tired Loaders	1	16	211	0.36	Diesel
2080	Reach 6	Welders	1	1	48	0.45	Diesel
2083	Reach 6	Cranes	1	22	360	0.29	Diesel
2083	Reach 6	Cranes	1	3	175	0.29	Diesel
2083	Reach 6	Rubber Tired Loaders	1	22	200	0.36	Diesel
2093	Reach 6	Cranes	1	23	360	0.29	Diesel
2093	Reach 6	Pumps	1	8	210	0.74	Diesel
2103	Reach 6	Cranes	1	22	360	0.29	Diesel
2103	Reach 6	Crawler Tractors	2	18	82	0.43	Diesel
2103	Reach 6	Excavators	1	21	165	0.38	Diesel
2103	Reach 6	Other construction equipment	2	18	6	0.42	Diesel
2103	Reach 6	Pumps	1	2	210	0.74	Diesel
2103	Reach 6	Rollers	1	21	240	0.38	Diesel
2110	Reach 6	Cranes	1	18	360	0.29	Diesel
2110	Reach 6	Crawler Tractors	1	8	82	0.43	Diesel
2110	Reach 6	Rubber Tired Loaders	1	8	65	0.36	Diesel
2110	Reach 6	Rubber Tired Loaders	1	18	200	0.36	Diesel
2110	Reach 6	Welders	1	18	46	0.45	Diesel
2113	Reach 6	Crawler Tractors	1	9	24	0.43	Diesel
2113	Reach 6	Crawler Tractors	2	5	145	0.43	Diesel
2113	Reach 6	Excavators	1	5	384	0.38	Diesel
2113	Reach 6	Graders	1	3	215	0.41	Diesel
2113	Reach 6	Pumps	1	1	16	0.74	Diesel
2113	Reach 6	Rollers	1	5	315	0.38	Diesel
2113	Reach 6	Tractors/Loaders/Backhoes	1	5	87	0.37	Diesel
2123	Reach 6	Air Compressors	1	1	80	0.48	Diesel
2123	Reach 6	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2123	Reach 6	Cranes	2	19	100	0.29	Diesel
2123	Reach 6	Cranes	1	0	66	0.29	Diesel
2123	Reach 6	Crawler Tractors	1	0	145	0.43	Diesel
2123	Reach 6	Excavators	1	0	128	0.38	Diesel
2123	Reach 6	Graders	1	0	215	0.41	Diesel
2123	Reach 6	Pumps	2	19	215	0.74	Diesel
2123	Reach 6	Pumps	1	0	16	0.74	Diesel
2123	Reach 6	Rollers	1	0	150	0.38	Diesel
2123	Reach 6	Scrapers	1	0	175	0.48	Diesel
2123	Reach 6	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2133	Reach 6	Air Compressors	1	4	80	0.48	Diesel
2133	Reach 6	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2133	Reach 6	Cranes	2	22	100	0.29	Diesel
2133	Reach 6	Cranes	1	13	240	0.29	Diesel
2133	Reach 6	Cranes	1	13	275	0.29	Diesel
2133	Reach 6	Cranes	1	13	335	0.29	Diesel
2133	Reach 6	Cranes	1	13	335	0.29	Diesel
2133	Reach 6	Cranes	1	2	66	0.29	Diesel
2133	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
2133	Reach 6	Crawler Tractors	1	21	145	0.43	Diesel
2133	Reach 6	Excavators	1	0	315	0.38	Diesel
2133	Reach 6	Excavators	1	3	384	0.38	Diesel
2133	Reach 6	Gas Pump	1	1	2	0.69	Gasoline
2133	Reach 6	Generator Sets	1	4	12	0.74	Diesel
2133	Reach 6	Graders	1	0	158	0.41	Diesel
2133	Reach 6	Graders	1	2	215	0.41	Diesel
2133	Reach 6	Off-Highway Trucks	3	19	375	0.38	Diesel
2133	Reach 6	Pavers	1	0	224	0.42	Diesel
2133	Reach 6	Pumps	2	22	215	0.74	Diesel
2133	Reach 6	Pumps	1	1	16	0.74	Diesel
2133	Reach 6	Pumps	1	14	60	0.74	Diesel
2133	Reach 6	Rollers	1	0	110	0.38	Diesel
2133	Reach 6	Rollers	1	0	131	0.38	Diesel
2133	Reach 6	Rollers	1	1	240	0.38	Diesel
2133	Reach 6	Rollers	1	1	315	0.38	Diesel
2133	Reach 6	Rollers	1	1	150	0.38	Diesel
2133	Reach 6	Rollers	1	0	18	0.38	Diesel
2133	Reach 6	Rubber Tired Loaders	1	13	160	0.36	Diesel
2133	Reach 6	Rubber Tired Loaders	1	0	145	0.36	Diesel
2133	Reach 6	Scrapers	1	0	450	0.48	Diesel
2133	Reach 6	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
2133	Reach 6	Tractors/Loaders/Backhoes	3	19	101	0.37	Diesel
2143	Reach 6	Cranes	3	17	360	0.29	Diesel
2143	Reach 6	Cranes	1	3	175	0.29	Diesel
2143	Reach 6	Pumps	1	11	210	0.74	Diesel
2143	Reach 6	Rubber Tired Loaders	1	22	200	0.36	Diesel
2163	Reach 6	Cranes	1	22	360	0.29	Diesel
2163	Reach 6	Crawler Tractors	2	18	82	0.43	Diesel
2163	Reach 6	Excavators	1	21	165	0.38	Diesel
2163	Reach 6	Other construction equipment	2	18	6	0.42	Diesel
2163	Reach 6	Pumps	1	2	210	0.74	Diesel
2163	Reach 6	Rollers	1	21	240	0.38	Diesel
2173	Reach 6	Cranes	1	22	360	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2173	Reach 6	Cranes	1	3	175	0.29	Diesel
2173	Reach 6	Rubber Tired Loaders	1	22	200	0.36	Diesel
2183	Reach 6	Cranes	1	22	360	0.29	Diesel
2183	Reach 6	Pumps	1	8	210	0.74	Diesel
2193	Reach 6	Cranes	1	22	360	0.29	Diesel
2193	Reach 6	Crawler Tractors	2	18	82	0.43	Diesel
2193	Reach 6	Excavators	1	21	165	0.38	Diesel
2193	Reach 6	Other construction equipment	2	18	6	0.42	Diesel
2193	Reach 6	Pumps	1	2	210	0.74	Diesel
2193	Reach 6	Rollers	1	21	240	0.38	Diesel
2203	Reach 6	Crawler Tractors	1	9	24	0.43	Diesel
2203	Reach 6	Crawler Tractors	2	5	145	0.43	Diesel
2203	Reach 6	Excavators	1	5	384	0.38	Diesel
2203	Reach 6	Graders	1	3	215	0.41	Diesel
2203	Reach 6	Pumps	1	1	16	0.74	Diesel
2203	Reach 6	Rollers	1	5	315	0.38	Diesel
2203	Reach 6	Tractors/Loaders/Backhoes	1	5	87	0.37	Diesel
2213	Reach 6	Air Compressors	1	1	80	0.48	Diesel
2213	Reach 6	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2213	Reach 6	Cranes	2	19	100	0.29	Diesel
2213	Reach 6	Cranes	1	0	66	0.29	Diesel
2213	Reach 6	Crawler Tractors	1	1	145	0.43	Diesel
2213	Reach 6	Excavators	1	1	128	0.38	Diesel
2213	Reach 6	Graders	1	1	215	0.41	Diesel
2213	Reach 6	Pumps	2	19	215	0.74	Diesel
2213	Reach 6	Pumps	1	1	16	0.74	Diesel
2213	Reach 6	Rollers	1	1	150	0.38	Diesel
2213	Reach 6	Scrapers	1	1	175	0.48	Diesel
2213	Reach 6	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2233	Reach 6	Air Compressors	1	1	80	0.48	Diesel
2233	Reach 6	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2233	Reach 6	Cranes	2	19	100	0.29	Diesel
2233	Reach 6	Cranes	1	0	66	0.29	Diesel
2233	Reach 6	Crawler Tractors	1	1	145	0.43	Diesel
2233	Reach 6	Excavators	1	1	128	0.38	Diesel
2233	Reach 6	Graders	1	1	215	0.41	Diesel
2233	Reach 6	Pumps	2	19	215	0.74	Diesel
2233	Reach 6	Pumps	1	1	16	0.74	Diesel
2233	Reach 6	Rollers	1	1	150	0.38	Diesel
2233	Reach 6	Scrapers	1	1	175	0.48	Diesel
2233	Reach 6	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2243	Reach 6	Pumps	1	8	210	0.74	Diesel
2303	Reach 6	Air Compressors	1	1	80	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2303	Reach 6	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2303	Reach 6	Cranes	2	19	100	0.29	Diesel
2303	Reach 6	Cranes	1	0	66	0.29	Diesel
2303	Reach 6	Crawler Tractors	1	0	145	0.43	Diesel
2303	Reach 6	Excavators	1	0	128	0.38	Diesel
2303	Reach 6	Graders	1	0	215	0.41	Diesel
2303	Reach 6	Pumps	2	19	215	0.74	Diesel
2303	Reach 6	Pumps	1	0	16	0.74	Diesel
2303	Reach 6	Rollers	1	0	150	0.38	Diesel
2303	Reach 6	Scrapers	1	0	175	0.48	Diesel
2303	Reach 6	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2313	Reach 6	Crawler Tractors	1	4	24	0.43	Diesel
2313	Reach 6	Crawler Tractors	1	0	70	0.43	Diesel
2313	Reach 6	Crawler Tractors	1	10	145	0.43	Diesel
2313	Reach 6	Crawler Tractors	1	0	410	0.43	Diesel
2313	Reach 6	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2313	Reach 6	Excavators	1	0	128	0.38	Diesel
2313	Reach 6	Excavators	1	4	384	0.38	Diesel
2313	Reach 6	Generator Sets	1	0	12	0.74	Diesel
2313	Reach 6	Graders	1	2	215	0.41	Diesel
2313	Reach 6	Off-Highway Trucks	1	2	375	0.38	Diesel
2313	Reach 6	Pumps	1	1	16	0.74	Diesel
2313	Reach 6	Rollers	1	0	240	0.38	Diesel
2313	Reach 6	Rollers	1	3	315	0.38	Diesel
2313	Reach 6	Rollers	1	1	150	0.38	Diesel
2313	Reach 6	Scrapers	1	1	175	0.48	Diesel
2313	Reach 6	Scrapers	1	1	450	0.48	Diesel
2313	Reach 6	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2323	Reach 6	Air Compressors	1	1	80	0.48	Diesel
2323	Reach 6	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2323	Reach 6	Cranes	2	19	100	0.29	Diesel
2323	Reach 6	Cranes	1	0	66	0.29	Diesel
2323	Reach 6	Crawler Tractors	1	0	145	0.43	Diesel
2323	Reach 6	Excavators	1	0	128	0.38	Diesel
2323	Reach 6	Graders	1	0	215	0.41	Diesel
2323	Reach 6	Pumps	2	19	215	0.74	Diesel
2323	Reach 6	Pumps	1	0	16	0.74	Diesel
2323	Reach 6	Rollers	1	0	150	0.38	Diesel
2323	Reach 6	Scrapers	1	0	175	0.48	Diesel
2323	Reach 6	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2333	Reach 6	Cranes	2	20	360	0.29	Diesel
2333	Reach 6	Cranes	2	20	360	0.29	Diesel
2333	Reach 6	Crawler Tractors	1	8	82	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2333	Reach 6	Crawler Tractors	1	8	82	0.43	Diesel
2333	Reach 6	Excavators	1	4	165	0.38	Diesel
2333	Reach 6	Excavators	1	4	165	0.38	Diesel
2333	Reach 6	Other construction equipment	1	8	6	0.42	Diesel
2333	Reach 6	Other construction equipment	1	8	6	0.42	Diesel
2333	Reach 6	Pumps	1	7	210	0.74	Diesel
2333	Reach 6	Pumps	1	7	210	0.74	Diesel
2333	Reach 6	Rollers	1	4	240	0.38	Diesel
2333	Reach 6	Rollers	1	4	240	0.38	Diesel
1020	Reaches 123	Air Compressors	1	20	80	0.48	Diesel
1020	Reaches 123	Cranes	1	8	175	0.29	Diesel
1020	Reaches 123	Cranes	1	10	66	0.29	Diesel
1030	Reaches 123	Cranes	1	24	240	0.29	Diesel
1030	Reaches 123	Cranes	1	24	275	0.29	Diesel
1030	Reaches 123	Cranes	1	23	335	0.29	Diesel
1030	Reaches 123	Cranes	1	24	335	0.29	Diesel
1030	Reaches 123	Crawler Tractors	1	24	145	0.43	Diesel
1030	Reaches 123	Off-Highway Trucks	4	24	375	0.38	Diesel
1030	Reaches 123	Pumps	1	24	60	0.74	Diesel
1030	Reaches 123	Rubber Tired Loaders	1	24	160	0.36	Diesel
1030	Reaches 123	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
1040	Reaches 123	Cranes	1	23	360	0.29	Diesel
1040	Reaches 123	Rubber Tired Loaders	1	23	200	0.36	Diesel
1050	Reaches 123	Cranes	1	23	360	0.29	Diesel
1060	Reaches 123	Cranes	1	23	360	0.29	Diesel
1060	Reaches 123	Pumps	2	23	210	0.74	Diesel
1100	Reaches 123	Cranes	1	24	360	0.29	Diesel
1100	Reaches 123	Pumps	1	24	210	0.74	Diesel
1110	Reaches 123	Cranes	1	24	360	0.29	Diesel
1120	Reaches 123	Cranes	1	12	360	0.29	Diesel
1130	Reaches 123	Cranes	1	24	360	0.29	Diesel
1140	Reaches 123	Air Compressors	1	1	80	0.48	Diesel
1140	Reaches 123	Cement and Mortar Mixers	1	24	18	0.56	Diesel
1140	Reaches 123	Cranes	1	24	100	0.29	Diesel
1140	Reaches 123	Cranes	1	1	66	0.29	Diesel
1140	Reaches 123	Pumps	1	24	215	0.74	Diesel
1140	Reaches 123	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
1160	Reaches 123	Cranes	1	23	360	0.29	Diesel
1160	Reaches 123	Pumps	2	23	210	0.74	Diesel
1170	Reaches 123	Air Compressors	1	20	80	0.48	Diesel
1170	Reaches 123	Cranes	1	8	175	0.29	Diesel
1170	Reaches 123	Cranes	1	10	66	0.29	Diesel
1180	Reaches 123	Cranes	1	24	240	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1180	Reaches 123	Cranes	1	24	275	0.29	Diesel
1180	Reaches 123	Cranes	1	23	335	0.29	Diesel
1180	Reaches 123	Cranes	1	24	335	0.29	Diesel
1180	Reaches 123	Crawler Tractors	1	24	145	0.43	Diesel
1180	Reaches 123	Off-Highway Trucks	4	24	375	0.38	Diesel
1180	Reaches 123	Pumps	1	24	60	0.74	Diesel
1180	Reaches 123	Rubber Tired Loaders	1	24	160	0.36	Diesel
1180	Reaches 123	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
1190	Reaches 123	Cranes	1	23	360	0.29	Diesel
1190	Reaches 123	Rubber Tired Loaders	1	23	200	0.36	Diesel
1200	Reaches 123	Air Compressors	1	1	80	0.48	Diesel
1200	Reaches 123	Cement and Mortar Mixers	1	16	18	0.56	Diesel
1200	Reaches 123	Cranes	1	16	100	0.29	Diesel
1200	Reaches 123	Cranes	1	1	66	0.29	Diesel
1200	Reaches 123	Pumps	1	16	215	0.74	Diesel
1200	Reaches 123	Tractors/Loaders/Backhoes	1	16	101	0.37	Diesel
1210	Reaches 123	Cranes	1	23	360	0.29	Diesel
1220	Reaches 123	Cranes	1	23	360	0.29	Diesel
1220	Reaches 123	Pumps	2	23	210	0.74	Diesel
1230	Reaches 123	Cranes	1	24	360	0.29	Diesel
1240	Reaches 123	Cranes	1	8	360	0.29	Diesel
1250	Reaches 123	Cranes	1	24	360	0.29	Diesel
1260	Reaches 123	Cranes	1	24	360	0.29	Diesel
1270	Reaches 123	Cranes	1	23	360	0.29	Diesel
1270	Reaches 123	Pumps	2	23	210	0.74	Diesel
1280	Reaches 123	Cranes	2	13	360	0.29	Diesel
1280	Reaches 123	Rubber Tired Loaders	1	24	375	0.36	Diesel
1280	Reaches 123	Welders	1	24	46	0.45	Diesel
1310	Reaches 123	Cranes	1	24	360	0.29	Diesel
1320	Reaches 123	Cranes	1	24	360	0.29	Diesel
1320	Reaches 123	Pumps	1	24	210	0.74	Diesel
1330	Reaches 123	Cranes	1	24	360	0.29	Diesel
1330	Reaches 123	Crawler Tractors	1	17	82	0.43	Diesel
1330	Reaches 123	Excavators	1	8	165	0.38	Diesel
1330	Reaches 123	Other construction equipment	1	17	6	0.42	Diesel
1330	Reaches 123	Pumps	1	3	210	0.74	Diesel
1330	Reaches 123	Rollers	1	8	240	0.38	Diesel
1340	Reaches 123	Cranes	1	23	360	0.29	Diesel
1340	Reaches 123	Crawler Tractors	1	19	82	0.43	Diesel
1340	Reaches 123	Excavators	1	10	165	0.38	Diesel
1340	Reaches 123	Other construction equipment	1	19	6	0.42	Diesel
1340	Reaches 123	Pumps	1	3	210	0.74	Diesel
1340	Reaches 123	Rollers	1	10	240	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1390	Reaches 123	Air Compressors	1	9	78	0.48	Diesel
1390	Reaches 123	Cranes	1	9	175	0.29	Diesel
1390	Reaches 123	Crawler Tractors	1	9	335	0.43	Diesel
1390	Reaches 123	Rubber Tired Loaders	1	9	100	0.36	Diesel
1390	Reaches 123	Welders	1	19	46	0.45	Diesel
1650	Reaches 123	Cranes	1	2	360	0.29	Diesel
1650	Reaches 123	Cranes	1	3	360	0.29	Diesel
1650	Reaches 123	Cranes	1	3	175	0.29	Diesel
1650	Reaches 123	Crawler Tractors	1	3	335	0.43	Diesel
1650	Reaches 123	Excavators	1	3	165	0.38	Diesel
1650	Reaches 123	Rubber Tired Loaders	1	3	100	0.36	Diesel
1650	Reaches 123	Rubber Tired Loaders	1	3	375	0.36	Diesel
1650	Reaches 123	Welders	1	24	46	0.45	Diesel
1660	Reaches 123	Cranes	1	1	360	0.29	Diesel
1660	Reaches 123	Cranes	1	3	360	0.29	Diesel
1660	Reaches 123	Cranes	1	3	175	0.29	Diesel
1660	Reaches 123	Crawler Tractors	1	3	335	0.43	Diesel
1660	Reaches 123	Excavators	1	3	165	0.38	Diesel
1660	Reaches 123	Rubber Tired Loaders	1	3	100	0.36	Diesel
1660	Reaches 123	Rubber Tired Loaders	1	3	375	0.36	Diesel
1660	Reaches 123	Welders	1	24	46	0.45	Diesel
1670	Reaches 123	Cranes	1	2	360	0.29	Diesel
1670	Reaches 123	Cranes	1	24	360	0.29	Diesel
1670	Reaches 123	Rubber Tired Loaders	1	24	200	0.36	Diesel
1670	Reaches 123	Welders	2	24	46	0.45	Diesel
1880	Reaches 123	Cranes	2	13	360	0.29	Diesel
1880	Reaches 123	Rubber Tired Loaders	1	24	375	0.36	Diesel
1880	Reaches 123	Welders	1	24	46	0.45	Diesel
1890	Reaches 123	Cranes	1	24	360	0.29	Diesel
1890	Reaches 123	Crawler Tractors	1	12	82	0.43	Diesel
1890	Reaches 123	Rubber Tired Loaders	1	12	65	0.36	Diesel
1890	Reaches 123	Rubber Tired Loaders	1	24	200	0.36	Diesel
1890	Reaches 123	Welders	1	24	46	0.45	Diesel
1900	Reaches 123	Cranes	2	13	360	0.29	Diesel
1900	Reaches 123	Rubber Tired Loaders	1	24	375	0.36	Diesel
1900	Reaches 123	Welders	1	24	46	0.45	Diesel
1910	Reaches 123	Cranes	1	24	360	0.29	Diesel
1910	Reaches 123	Crawler Tractors	1	11	82	0.43	Diesel
1910	Reaches 123	Rubber Tired Loaders	1	11	65	0.36	Diesel
1910	Reaches 123	Rubber Tired Loaders	1	24	200	0.36	Diesel
1910	Reaches 123	Welders	1	24	46	0.45	Diesel
2010	Reaches 123	Crawler Tractors	1	8	335	0.43	Diesel
2010	Reaches 123	Graders	1	8	200	0.41	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2010	Reaches 123	Off-Highway Trucks	1	16	450	0.38	Diesel
2010	Reaches 123	Rollers	1	16	240	0.38	Diesel
2010	Reaches 123	Rubber Tired Loaders	1	8	375	0.36	Diesel
2033	Reaches 123	Air Compressors	1	2	80	0.48	Diesel
2033	Reaches 123	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2033	Reaches 123	Cranes	2	19	100	0.29	Diesel
2033	Reaches 123	Cranes	1	1	66	0.29	Diesel
2033	Reaches 123	Crawler Tractors	1	1	145	0.43	Diesel
2033	Reaches 123	Excavators	1	1	128	0.38	Diesel
2033	Reaches 123	Graders	1	1	215	0.41	Diesel
2033	Reaches 123	Pumps	2	19	215	0.74	Diesel
2033	Reaches 123	Pumps	1	1	16	0.74	Diesel
2033	Reaches 123	Rollers	1	1	150	0.38	Diesel
2033	Reaches 123	Scrapers	1	1	175	0.48	Diesel
2033	Reaches 123	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2040	Reaches 123	Cranes	1	6	360	0.29	Diesel
2040	Reaches 123	Cranes	1	8	175	0.29	Diesel
2040	Reaches 123	Rubber Tired Loaders	1	8	200	0.36	Diesel
2040	Reaches 123	Rubber Tired Loaders	1	6	375	0.36	Diesel
2043	Reaches 123	Air Compressors	1	5	80	0.48	Diesel
2043	Reaches 123	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2043	Reaches 123	Cranes	2	22	100	0.29	Diesel
2043	Reaches 123	Cranes	1	15	240	0.29	Diesel
2043	Reaches 123	Cranes	1	15	275	0.29	Diesel
2043	Reaches 123	Cranes	1	14	335	0.29	Diesel
2043	Reaches 123	Cranes	1	15	335	0.29	Diesel
2043	Reaches 123	Cranes	1	3	66	0.29	Diesel
2043	Reaches 123	Crawler Tractors	1	1	70	0.43	Diesel
2043	Reaches 123	Crawler Tractors	1	23	145	0.43	Diesel
2043	Reaches 123	Excavators	1	0	128	0.38	Diesel
2043	Reaches 123	Excavators	1	0	315	0.38	Diesel
2043	Reaches 123	Excavators	1	2	384	0.38	Diesel
2043	Reaches 123	Gas Pump	1	2	2	0.69	Gasoline
2043	Reaches 123	Graders	1	0	158	0.41	Diesel
2043	Reaches 123	Graders	1	1	215	0.41	Diesel
2043	Reaches 123	Off-Highway Trucks	2	17	375	0.38	Diesel
2043	Reaches 123	Pumps	2	22	215	0.74	Diesel
2043	Reaches 123	Pumps	1	1	16	0.74	Diesel
2043	Reaches 123	Pumps	1	15	60	0.74	Diesel
2043	Reaches 123	Rollers	1	1	315	0.38	Diesel
2043	Reaches 123	Rollers	1	0	150	0.38	Diesel
2043	Reaches 123	Rubber Tired Loaders	1	15	160	0.36	Diesel
2043	Reaches 123	Rubber Tired Loaders	1	0	145	0.36	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2043	Reaches 123	Scrapers	1	0	175	0.48	Diesel
2043	Reaches 123	Scrapers	1	0	450	0.48	Diesel
2043	Reaches 123	Tractors/Loaders/Backhoes	3	20	101	0.37	Diesel
2050	Reaches 123	Air Compressors	1	3	80	0.48	Diesel
2050	Reaches 123	Cranes	1	0	160	0.29	Diesel
2050	Reaches 123	Cranes	1	0	240	0.29	Diesel
2050	Reaches 123	Cranes	1	1	275	0.29	Diesel
2050	Reaches 123	Cranes	1	2	66	0.29	Diesel
2050	Reaches 123	Crawler Tractors	1	0	70	0.43	Diesel
2050	Reaches 123	Crawler Tractors	1	2	145	0.43	Diesel
2050	Reaches 123	Crawler Tractors	1	0	410	0.43	Diesel
2050	Reaches 123	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2050	Reaches 123	Excavators	1	0	128	0.38	Diesel
2050	Reaches 123	Excavators	1	1	523	0.38	Diesel
2050	Reaches 123	Excavators	1	0	384	0.38	Diesel
2050	Reaches 123	Generator Sets	1	3	12	0.74	Diesel
2050	Reaches 123	Generator Sets	1	0	107	0.74	Diesel
2050	Reaches 123	Graders	1	1	158	0.41	Diesel
2050	Reaches 123	Graders	1	1	215	0.41	Diesel
2050	Reaches 123	Off-Highway Trucks	1	0	375	0.38	Diesel
2050	Reaches 123	Off-Highway Trucks	1	0	452	0.38	Diesel
2050	Reaches 123	Off-Highway Trucks	1	2	650	0.38	Diesel
2050	Reaches 123	Plate Compactors	1	0	8	0.43	Diesel
2050	Reaches 123	Pumps	1	0	16	0.74	Diesel
2050	Reaches 123	Pumps	1	0	60	0.74	Diesel
2050	Reaches 123	Rollers	1	0	240	0.38	Diesel
2050	Reaches 123	Rollers	1	1	315	0.38	Diesel
2050	Reaches 123	Rollers	1	1	150	0.38	Diesel
2050	Reaches 123	Rubber Tired Loaders	1	1	197	0.36	Diesel
2050	Reaches 123	Rubber Tired Loaders	1	0	501	0.36	Diesel
2050	Reaches 123	Scrapers	1	0	175	0.48	Diesel
2050	Reaches 123	Scrapers	1	1	450	0.48	Diesel
2050	Reaches 123	Scrapers	1	0	500	0.48	Diesel
2050	Reaches 123	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2050	Reaches 123	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
2050	Reaches 123	Welders	1	0	48	0.45	Diesel
2053	Reaches 123	Cranes	1	22	360	0.29	Diesel
2053	Reaches 123	Cranes	1	2	175	0.29	Diesel
2053	Reaches 123	Rubber Tired Loaders	1	22	200	0.36	Diesel
2060	Reaches 123	Crawler Tractors	1	13	70	0.43	Diesel
2060	Reaches 123	Crawler Tractors	4	19	145	0.43	Diesel
2060	Reaches 123	Crawler Tractors	1	12	410	0.43	Diesel
2060	Reaches 123	Excavators	1	20	523	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2060	Reaches 123	Excavators	1	4.747658 82	384	0.38	Diesel
2060	Reaches 123	Gas Pump	4	19	2	0.69	Gasoline
2060	Reaches 123	Generator Sets	5	20	12	0.74	Diesel
2060	Reaches 123	Graders	1	0	158	0.41	Diesel
2060	Reaches 123	Graders	2	13	215	0.41	Diesel
2060	Reaches 123	Off-Highway Trucks	1	8	452	0.38	Diesel
2060	Reaches 123	Off-Highway Trucks	5	20	650	0.38	Diesel
2060	Reaches 123	Pumps	1	4	16	0.74	Diesel
2060	Reaches 123	Rollers	1	20	315	0.38	Diesel
2060	Reaches 123	Rollers	1	1	150	0.38	Diesel
2060	Reaches 123	Rubber Tired Loaders	1	10	145	0.36	Diesel
2060	Reaches 123	Scrapers	2	19	450	0.48	Diesel
2060	Reaches 123	Scrapers	1	4	500	0.48	Diesel
2063	Reaches 123	Cranes	1	23	360	0.29	Diesel
2063	Reaches 123	Pumps	1	7	210	0.74	Diesel
2070	Reaches 123	Crawler Tractors	2	6	24	0.43	Diesel
2070	Reaches 123	Crawler Tractors	2	10	145	0.43	Diesel
2070	Reaches 123	Crawler Tractors	2	10	410	0.43	Diesel
2070	Reaches 123	Graders	1	10	215	0.41	Diesel
2070	Reaches 123	Rollers	2	10	240	0.38	Diesel
2070	Reaches 123	Scrapers	3	10	450	0.48	Diesel
2070	Reaches 123	Tractors/Loaders/Backhoes	1	6	87	0.37	Diesel
2073	Reaches 123	Cranes	1	1	360	0.29	Diesel
2073	Reaches 123	Pumps	1	2	210	0.74	Diesel
2080	Reaches 123	Crawler Tractors	1	6	24	0.43	Diesel
2080	Reaches 123	Generator Sets	1	6	713	0.74	Diesel
2080	Reaches 123	Rubber Tired Loaders	1	19	211	0.36	Diesel
2080	Reaches 123	Welders	1	1	48	0.45	Diesel
2083	Reaches 123	Air Compressors	1	4	80	0.48	Diesel
2083	Reaches 123	Cement and Mortar Mixers	2	12	18	0.56	Diesel
2083	Reaches 123	Cranes	2	12	100	0.29	Diesel
2083	Reaches 123	Cranes	1	15	240	0.29	Diesel
2083	Reaches 123	Cranes	1	15	275	0.29	Diesel
2083	Reaches 123	Cranes	1	14	335	0.29	Diesel
2083	Reaches 123	Cranes	1	15	335	0.29	Diesel
2083	Reaches 123	Cranes	1	2	66	0.29	Diesel
2083	Reaches 123	Crawler Tractors	1	1	70	0.43	Diesel
2083	Reaches 123	Crawler Tractors	1	23	145	0.43	Diesel
2083	Reaches 123	Excavators	1	0	128	0.38	Diesel
2083	Reaches 123	Excavators	1	0	315	0.38	Diesel
2083	Reaches 123	Excavators	1	2	384	0.38	Diesel
2083	Reaches 123	Gas Pump	1	2	2	0.69	Gasoline

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2083	Reaches 123	Graders	1	0	158	0.41	Diesel
2083	Reaches 123	Graders	1	1	215	0.41	Diesel
2083	Reaches 123	Off-Highway Trucks	2	17	375	0.38	Diesel
2083	Reaches 123	Pumps	2	12	215	0.74	Diesel
2083	Reaches 123	Pumps	1	1	16	0.74	Diesel
2083	Reaches 123	Pumps	1	15	60	0.74	Diesel
2083	Reaches 123	Rollers	1	1	315	0.38	Diesel
2083	Reaches 123	Rollers	1	0	150	0.38	Diesel
2083	Reaches 123	Rubber Tired Loaders	1	15	160	0.36	Diesel
2083	Reaches 123	Rubber Tired Loaders	1	0	145	0.36	Diesel
2083	Reaches 123	Scrapers	1	0	175	0.48	Diesel
2083	Reaches 123	Scrapers	1	0	450	0.48	Diesel
2083	Reaches 123	Tractors/Loaders/Backhoes	2	20	101	0.37	Diesel
2093	Reaches 123	Cranes	1	15	360	0.29	Diesel
2093	Reaches 123	Cranes	1	2	175	0.29	Diesel
2093	Reaches 123	Rubber Tired Loaders	1	15	200	0.36	Diesel
2113	Reaches 123	Crawler Tractors	1	3	24	0.43	Diesel
2113	Reaches 123	Crawler Tractors	1	4	145	0.43	Diesel
2113	Reaches 123	Excavators	1	2	384	0.38	Diesel
2113	Reaches 123	Graders	1	1	215	0.41	Diesel
2113	Reaches 123	Pumps	1	0	16	0.74	Diesel
2113	Reaches 123	Rollers	1	2	315	0.38	Diesel
2113	Reaches 123	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2123	Reaches 123	Air Compressors	1	2	80	0.48	Diesel
2123	Reaches 123	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2123	Reaches 123	Cranes	2	19	100	0.29	Diesel
2123	Reaches 123	Cranes	1	1	66	0.29	Diesel
2123	Reaches 123	Crawler Tractors	1	1	145	0.43	Diesel
2123	Reaches 123	Excavators	1	1	128	0.38	Diesel
2123	Reaches 123	Graders	1	1	215	0.41	Diesel
2123	Reaches 123	Pumps	2	19	215	0.74	Diesel
2123	Reaches 123	Pumps	1	1	16	0.74	Diesel
2123	Reaches 123	Rollers	1	1	150	0.38	Diesel
2123	Reaches 123	Scrapers	1	1	175	0.48	Diesel
2123	Reaches 123	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2133	Reaches 123	Air Compressors	1	5	80	0.48	Diesel
2133	Reaches 123	Cement and Mortar Mixers	2	22	18	0.56	Diesel
2133	Reaches 123	Cranes	2	22	100	0.29	Diesel
2133	Reaches 123	Cranes	1	16	240	0.29	Diesel
2133	Reaches 123	Cranes	1	16	275	0.29	Diesel
2133	Reaches 123	Cranes	1	17	335	0.29	Diesel
2133	Reaches 123	Cranes	1	16	335	0.29	Diesel
2133	Reaches 123	Cranes	1	3	66	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2133	Reaches 123	Crawler Tractors	1	1	70	0.43	Diesel
2133	Reaches 123	Crawler Tractors	1	20	145	0.43	Diesel
2133	Reaches 123	Crawler Tractors	1	0	410	0.43	Diesel
2133	Reaches 123	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2133	Reaches 123	Excavators	1	0	128	0.38	Diesel
2133	Reaches 123	Excavators	1	0	315	0.38	Diesel
2133	Reaches 123	Excavators	1	2	384	0.38	Diesel
2133	Reaches 123	Gas Pump	1	2	2	0.69	Gasoline
2133	Reaches 123	Generator Sets	1	2	12	0.74	Diesel
2133	Reaches 123	Graders	1	0	158	0.41	Diesel
2133	Reaches 123	Graders	1	1	215	0.41	Diesel
2133	Reaches 123	Off-Highway Trucks	3	22	375	0.38	Diesel
2133	Reaches 123	Pumps	2	22	215	0.74	Diesel
2133	Reaches 123	Pumps	1	0	16	0.74	Diesel
2133	Reaches 123	Pumps	1	16	60	0.74	Diesel
2133	Reaches 123	Rollers	1	0	240	0.38	Diesel
2133	Reaches 123	Rollers	1	1	315	0.38	Diesel
2133	Reaches 123	Rollers	1	0	150	0.38	Diesel
2133	Reaches 123	Rollers	1	0	18	0.38	Diesel
2133	Reaches 123	Rubber Tired Loaders	1	16	160	0.36	Diesel
2133	Reaches 123	Rubber Tired Loaders	1	0	145	0.36	Diesel
2133	Reaches 123	Scrapers	1	0	450	0.48	Diesel
2133	Reaches 123	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
2133	Reaches 123	Tractors/Loaders/Backhoes	3	20	101	0.37	Diesel
2153	Reaches 123	Cranes	2	23	360	0.29	Diesel
2153	Reaches 123	Pumps	1	16	210	0.74	Diesel
2193	Reaches 123	Cranes	1	23	360	0.29	Diesel
2193	Reaches 123	Crawler Tractors	2	20	82	0.43	Diesel
2193	Reaches 123	Excavators	1	23	165	0.38	Diesel
2193	Reaches 123	Other construction equipment	2	20	6	0.42	Diesel
2193	Reaches 123	Rollers	1	23	240	0.38	Diesel
2203	Reaches 123	Crawler Tractors	1	3	24	0.43	Diesel
2203	Reaches 123	Crawler Tractors	1	3	145	0.43	Diesel
2203	Reaches 123	Excavators	1	1	384	0.38	Diesel
2203	Reaches 123	Graders	1	1	215	0.41	Diesel
2203	Reaches 123	Pumps	1	0	16	0.74	Diesel
2203	Reaches 123	Rollers	1	1	315	0.38	Diesel
2203	Reaches 123	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2213	Reaches 123	Air Compressors	1	2	80	0.48	Diesel
2213	Reaches 123	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2213	Reaches 123	Cranes	2	19	100	0.29	Diesel
2213	Reaches 123	Cranes	1	1	66	0.29	Diesel
2213	Reaches 123	Crawler Tractors	1	1	145	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2213	Reaches 123	Excavators	1	1	128	0.38	Diesel
2213	Reaches 123	Graders	1	1	215	0.41	Diesel
2213	Reaches 123	Pumps	2	19	215	0.74	Diesel
2213	Reaches 123	Pumps	1	1	16	0.74	Diesel
2213	Reaches 123	Rollers	1	1	150	0.38	Diesel
2213	Reaches 123	Scrapers	1	1	175	0.48	Diesel
2213	Reaches 123	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2233	Reaches 123	Air Compressors	1	2	80	0.48	Diesel
2233	Reaches 123	Cement and Mortar Mixers	2	19	18	0.56	Diesel
2233	Reaches 123	Cranes	2	19	100	0.29	Diesel
2233	Reaches 123	Cranes	1	1	66	0.29	Diesel
2233	Reaches 123	Crawler Tractors	1	1	145	0.43	Diesel
2233	Reaches 123	Excavators	1	1	128	0.38	Diesel
2233	Reaches 123	Graders	1	1	215	0.41	Diesel
2233	Reaches 123	Pumps	2	19	215	0.74	Diesel
2233	Reaches 123	Pumps	1	1	16	0.74	Diesel
2233	Reaches 123	Rollers	1	1	150	0.38	Diesel
2233	Reaches 123	Scrapers	1	1	175	0.48	Diesel
2233	Reaches 123	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2243	Reaches 123	Cranes	1	22	360	0.29	Diesel
2243	Reaches 123	Cranes	1	2	175	0.29	Diesel
2243	Reaches 123	Rubber Tired Loaders	1	22	200	0.36	Diesel
2253	Reaches 123	Cranes	4	23	360	0.29	Diesel
2253	Reaches 123	Cranes	1	3	175	0.29	Diesel
2253	Reaches 123	Pumps	1	16	210	0.74	Diesel
2253	Reaches 123	Rubber Tired Loaders	2	22	200	0.36	Diesel
2263	Reaches 123	Cranes	1	23	360	0.29	Diesel
2263	Reaches 123	Pumps	1	7	210	0.74	Diesel
2283	Reaches 123	Cranes	2	24	360	0.29	Diesel
2283	Reaches 123	Crawler Tractors	4	20	82	0.43	Diesel
2283	Reaches 123	Excavators	2	23	165	0.38	Diesel
2283	Reaches 123	Other construction equipment	4	20	6	0.42	Diesel
2283	Reaches 123	Pumps	1	2	210	0.74	Diesel
2283	Reaches 123	Rollers	2	23	240	0.38	Diesel
2303	Reaches 123	Air Compressors	1	2	80	0.48	Diesel
2303	Reaches 123	Cement and Mortar Mixers	1	24	18	0.56	Diesel
2303	Reaches 123	Cranes	1	24	100	0.29	Diesel
2303	Reaches 123	Cranes	1	1	66	0.29	Diesel
2303	Reaches 123	Crawler Tractors	1	1	145	0.43	Diesel
2303	Reaches 123	Excavators	1	1	128	0.38	Diesel
2303	Reaches 123	Graders	1	1	215	0.41	Diesel
2303	Reaches 123	Pumps	1	24	215	0.74	Diesel
2303	Reaches 123	Pumps	1	1	16	0.74	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2303	Reaches 123	Rollers	1	1	150	0.38	Diesel
2303	Reaches 123	Scrapers	1	1	175	0.48	Diesel
2303	Reaches 123	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
2313	Reaches 123	Cranes	1	23	360	0.29	Diesel
2313	Reaches 123	Crawler Tractors	2	20	82	0.43	Diesel
2313	Reaches 123	Excavators	1	23	165	0.38	Diesel
2313	Reaches 123	Other construction equipment	2	20	6	0.42	Diesel
2313	Reaches 123	Rollers	1	23	240	0.38	Diesel
2323	Reaches 123	Air Compressors	1	2	80	0.48	Diesel
2323	Reaches 123	Cement and Mortar Mixers	1	24	18	0.56	Diesel
2323	Reaches 123	Cranes	1	24	100	0.29	Diesel
2323	Reaches 123	Cranes	1	1	66	0.29	Diesel
2323	Reaches 123	Crawler Tractors	1	1	145	0.43	Diesel
2323	Reaches 123	Excavators	1	1	128	0.38	Diesel
2323	Reaches 123	Graders	1	1	215	0.41	Diesel
2323	Reaches 123	Pumps	1	24	215	0.74	Diesel
2323	Reaches 123	Pumps	1	1	16	0.74	Diesel
2323	Reaches 123	Rollers	1	1	150	0.38	Diesel
2323	Reaches 123	Scrapers	1	1	175	0.48	Diesel
2323	Reaches 123	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
2343	Reaches 123	Air Compressors	1	2	80	0.48	Diesel
2343	Reaches 123	Cement and Mortar Mixers	1	24	18	0.56	Diesel
2343	Reaches 123	Cranes	1	24	100	0.29	Diesel
2343	Reaches 123	Cranes	1	1	66	0.29	Diesel
2343	Reaches 123	Crawler Tractors	1	1	145	0.43	Diesel
2343	Reaches 123	Excavators	1	1	128	0.38	Diesel
2343	Reaches 123	Graders	1	1	215	0.41	Diesel
2343	Reaches 123	Pumps	1	24	215	0.74	Diesel
2343	Reaches 123	Pumps	1	1	16	0.74	Diesel
2343	Reaches 123	Rollers	1	1	150	0.38	Diesel
2343	Reaches 123	Scrapers	1	1	175	0.48	Diesel
2343	Reaches 123	Tractors/Loaders/Backhoes	1	24	101	0.37	Diesel
2363	Reaches 123	Cranes	2	14	360	0.29	Diesel
2363	Reaches 123	Cranes	1	1	175	0.29	Diesel
2363	Reaches 123	Pumps	1	5	210	0.74	Diesel
2363	Reaches 123	Rubber Tired Loaders	1	13	200	0.36	Diesel
2373	Reaches 123	Cranes	1	24	360	0.29	Diesel
2373	Reaches 123	Crawler Tractors	1	17	82	0.43	Diesel
2373	Reaches 123	Excavators	1	8	165	0.38	Diesel
2373	Reaches 123	Other construction equipment	1	17	6	0.42	Diesel
2373	Reaches 123	Pumps	1	4	210	0.74	Diesel
2373	Reaches 123	Rollers	1	8	240	0.38	Diesel
2393	Reaches 123	Cranes	2	16	360	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2393	Reaches 123	Crawler Tractors	1	13	82	0.43	Diesel
2393	Reaches 123	Excavators	1	6	165	0.38	Diesel
2393	Reaches 123	Other construction equipment	1	13	6	0.42	Diesel
2393	Reaches 123	Pumps	1	5	210	0.74	Diesel
2393	Reaches 123	Rollers	1	6	240	0.38	Diesel
2403	Reaches 123	Air Compressors	1	3	80	0.48	Diesel
2403	Reaches 123	Cement and Mortar Mixers	1	18	18	0.56	Diesel
2403	Reaches 123	Cranes	1	18	100	0.29	Diesel
2403	Reaches 123	Cranes	1	12	240	0.29	Diesel
2403	Reaches 123	Cranes	1	12	275	0.29	Diesel
2403	Reaches 123	Cranes	1	13	335	0.29	Diesel
2403	Reaches 123	Cranes	1	12	335	0.29	Diesel
2403	Reaches 123	Cranes	1	2	66	0.29	Diesel
2403	Reaches 123	Crawler Tractors	1	0	70	0.43	Diesel
2403	Reaches 123	Crawler Tractors	1	15	145	0.43	Diesel
2403	Reaches 123	Crawler Tractors	1	0	410	0.43	Diesel
2403	Reaches 123	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
2403	Reaches 123	Excavators	1	0	128	0.38	Diesel
2403	Reaches 123	Excavators	1	0	315	0.38	Diesel
2403	Reaches 123	Excavators	1	2	384	0.38	Diesel
2403	Reaches 123	Gas Pump	1	1	2	0.69	Gasoline
2403	Reaches 123	Generator Sets	1	1	12	0.74	Diesel
2403	Reaches 123	Graders	1	0	158	0.41	Diesel
2403	Reaches 123	Graders	1	1	215	0.41	Diesel
2403	Reaches 123	Off-Highway Trucks	3	16	375	0.38	Diesel
2403	Reaches 123	Pumps	1	18	215	0.74	Diesel
2403	Reaches 123	Pumps	1	0	16	0.74	Diesel
2403	Reaches 123	Pumps	1	12	60	0.74	Diesel
2403	Reaches 123	Rollers	1	0	240	0.38	Diesel
2403	Reaches 123	Rollers	1	1	315	0.38	Diesel
2403	Reaches 123	Rollers	1	0	150	0.38	Diesel
2403	Reaches 123	Rollers	1	0	18	0.38	Diesel
2403	Reaches 123	Rubber Tired Loaders	1	12	160	0.36	Diesel
2403	Reaches 123	Rubber Tired Loaders	1	0	145	0.36	Diesel
2403	Reaches 123	Scrapers	1	0	450	0.48	Diesel
2403	Reaches 123	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
2403	Reaches 123	Tractors/Loaders/Backhoes	2	15	101	0.37	Diesel
2413	Reaches 123	Air Compressors	1	4	80	0.48	Diesel
2413	Reaches 123	Cement and Mortar Mixers	2	17	18	0.56	Diesel
2413	Reaches 123	Cranes	2	17	100	0.29	Diesel
2413	Reaches 123	Cranes	1	19	240	0.29	Diesel
2413	Reaches 123	Cranes	1	19	275	0.29	Diesel
2413	Reaches 123	Cranes	1	21	335	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2413	Reaches 123	Cranes	1	19	335	0.29	Diesel
2413	Reaches 123	Cranes	1	2	66	0.29	Diesel
2413	Reaches 123	Crawler Tractors	1	1	70	0.43	Diesel
2413	Reaches 123	Crawler Tractors	2	16	145	0.43	Diesel
2413	Reaches 123	Excavators	1	0	128	0.38	Diesel
2413	Reaches 123	Excavators	1	0	315	0.38	Diesel
2413	Reaches 123	Excavators	1	4	384	0.38	Diesel
2413	Reaches 123	Gas Pump	1	3	2	0.69	Gasoline
2413	Reaches 123	Graders	1	0	158	0.41	Diesel
2413	Reaches 123	Graders	1	2	215	0.41	Diesel
2413	Reaches 123	Off-Highway Trucks	2	22	375	0.38	Diesel
2413	Reaches 123	Pumps	2	17	215	0.74	Diesel
2413	Reaches 123	Pumps	1	1	16	0.74	Diesel
2413	Reaches 123	Pumps	1	19	60	0.74	Diesel
2413	Reaches 123	Rollers	1	2	315	0.38	Diesel
2413	Reaches 123	Rollers	1	1	150	0.38	Diesel
2413	Reaches 123	Rubber Tired Loaders	1	19	160	0.36	Diesel
2413	Reaches 123	Rubber Tired Loaders	1	0	145	0.36	Diesel
2413	Reaches 123	Scrapers	1	0	175	0.48	Diesel
2413	Reaches 123	Scrapers	1	0	450	0.48	Diesel
2413	Reaches 123	Tractors/Loaders/Backhoes	3	18	101	0.37	Diesel
2453	Reaches 123	Air Compressors	1	3	80	0.48	Diesel
2453	Reaches 123	Cement and Mortar Mixers	1	10	18	0.56	Diesel
2453	Reaches 123	Cranes	1	10	100	0.29	Diesel
2453	Reaches 123	Cranes	1	13	240	0.29	Diesel
2453	Reaches 123	Cranes	1	13	275	0.29	Diesel
2453	Reaches 123	Cranes	1	12	335	0.29	Diesel
2453	Reaches 123	Cranes	1	13	335	0.29	Diesel
2453	Reaches 123	Cranes	1	1	66	0.29	Diesel
2453	Reaches 123	Crawler Tractors	1	0	70	0.43	Diesel
2453	Reaches 123	Crawler Tractors	1	13	145	0.43	Diesel
2453	Reaches 123	Excavators	1	0	315	0.38	Diesel
2453	Reaches 123	Excavators	1	0	384	0.38	Diesel
2453	Reaches 123	Generator Sets	1	1	12	0.74	Diesel
2453	Reaches 123	Graders	1	0	158	0.41	Diesel
2453	Reaches 123	Graders	1	1	215	0.41	Diesel
2453	Reaches 123	Off-Highway Trucks	2	13	375	0.38	Diesel
2453	Reaches 123	Pumps	1	10	215	0.74	Diesel
2453	Reaches 123	Pumps	1	13	60	0.74	Diesel
2453	Reaches 123	Rollers	1	0	240	0.38	Diesel
2453	Reaches 123	Rollers	1	0	150	0.38	Diesel
2453	Reaches 123	Rubber Tired Loaders	1	13	160	0.36	Diesel
2453	Reaches 123	Tractors/Loaders/Backhoes	1	23	101	0.37	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2463	Reaches 123	Air Compressors	1	3	80	0.48	Diesel
2463	Reaches 123	Cement and Mortar Mixers	1	10	18	0.56	Diesel
2463	Reaches 123	Cranes	1	10	100	0.29	Diesel
2463	Reaches 123	Cranes	1	13	240	0.29	Diesel
2463	Reaches 123	Cranes	1	13	275	0.29	Diesel
2463	Reaches 123	Cranes	1	12	335	0.29	Diesel
2463	Reaches 123	Cranes	1	13	335	0.29	Diesel
2463	Reaches 123	Cranes	1	1	66	0.29	Diesel
2463	Reaches 123	Crawler Tractors	1	0	70	0.43	Diesel
2463	Reaches 123	Crawler Tractors	1	13	145	0.43	Diesel
2463	Reaches 123	Excavators	1	0	315	0.38	Diesel
2463	Reaches 123	Excavators	1	0	384	0.38	Diesel
2463	Reaches 123	Generator Sets	1	1	12	0.74	Diesel
2463	Reaches 123	Graders	1	0	158	0.41	Diesel
2463	Reaches 123	Graders	1	1	215	0.41	Diesel
2463	Reaches 123	Off-Highway Trucks	2	13	375	0.38	Diesel
2463	Reaches 123	Pumps	1	10	215	0.74	Diesel
2463	Reaches 123	Pumps	1	13	60	0.74	Diesel
2463	Reaches 123	Rollers	1	0	240	0.38	Diesel
2463	Reaches 123	Rollers	1	0	150	0.38	Diesel
2463	Reaches 123	Rubber Tired Loaders	1	13	160	0.36	Diesel
2463	Reaches 123	Tractors/Loaders/Backhoes	1	23	101	0.37	Diesel
2473	Reaches 123	Cranes	1	22	360	0.29	Diesel
2473	Reaches 123	Cranes	1	1	175	0.29	Diesel
2473	Reaches 123	Pumps	1	4	210	0.74	Diesel
2473	Reaches 123	Rubber Tired Loaders	1	9	200	0.36	Diesel
1114	Temporary Power	Cranes	1	8	285	0.29	Diesel
1114	Temporary Power	Cranes	2	8	285	0.29	Diesel
1114	Temporary Power	Crawler Tractors	1	8	335	0.43	Diesel
1114	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1114	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1115	Temporary Power	Cranes	1	8	285	0.29	Diesel
1115	Temporary Power	Cranes	2	8	285	0.29	Diesel
1115	Temporary Power	Crawler Tractors	1	8	335	0.43	Diesel
1115	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1115	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1116	Temporary Power	Cranes	1	8	285	0.29	Diesel
1116	Temporary Power	Cranes	2	8	285	0.29	Diesel
1116	Temporary Power	Crawler Tractors	1	8	335	0.43	Diesel
1116	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1116	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1117	Temporary Power	Cranes	1	8	285	0.29	Diesel
1117	Temporary Power	Cranes	2	8	285	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1117	Temporary Power	Crawler Tractors	1	8	335	0.43	Diesel
1117	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1117	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1111	Temporary Power	Cranes	1	8	285	0.29	Diesel
1111	Temporary Power	Cranes	2	8	285	0.29	Diesel
1111	Temporary Power	Crawler Tractors	1	8	335	0.43	Diesel
1111	Temporary Power	Other Construction Equipment	3	8	172	0.42	Diesel
1111	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1111	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1112	Temporary Power	Cranes	1	8	285	0.29	Diesel
1112	Temporary Power	Cranes	2	8	285	0.29	Diesel
1112	Temporary Power	Crawler Tractors	1	8	335	0.43	Diesel
1112	Temporary Power	Other Construction Equipment	3	8	172	0.42	Diesel
1112	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1112	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1113	Temporary Power	Cranes	1	8	285	0.29	Diesel
1113	Temporary Power	Cranes	2	8	285	0.29	Diesel
1113	Temporary Power	Crawler Tractors	1	8	335	0.43	Diesel
1113	Temporary Power	Other Construction Equipment	3	8	172	0.42	Diesel
1113	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
1113	Temporary Power	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
51050	Bridges <sup>b</sup>	Air Compressors	4	10	80	0.48	Diesel
51050	Bridges <sup>b</sup>	Cranes	1	5	160	0.29	Diesel
51050	Bridges <sup>b</sup>	Cranes	3	7	275	0.29	Diesel
51050	Bridges <sup>b</sup>	Cranes	3	7	66	0.29	Diesel
51050	Bridges <sup>b</sup>	Crawler Tractors	1	2	145	0.43	Diesel
51050	Bridges <sup>b</sup>	Graders	1	2	215	0.41	Diesel
51050	Bridges <sup>b</sup>	Plate Compactors	1	3	8	0.43	Diesel
51050	Bridges <sup>b</sup>	Pumps	1	2	16	0.74	Diesel
51050	Bridges <sup>b</sup>	Rollers	1	2	150	0.38	Diesel
51050	Bridges <sup>b</sup>	Rubber Tired Loaders	1	6	197	0.36	Diesel
51050	Bridges <sup>b</sup>	Scrapers	1	3	175	0.48	Diesel
51050	Bridges <sup>b</sup>	Tractors/Loaders/Backhoes	1	6	101	0.37	Diesel
51060	Bridges <sup>b</sup>	Crawler Tractors	2	8	24	0.43	Diesel
51060	Bridges <sup>b</sup>	Generator Sets	2	8	713	0.74	Diesel
51060	Bridges <sup>b</sup>	Rubber Tired Loaders	4	8	211	0.36	Diesel
51060	Bridges <sup>b</sup>	Welders	1	3	48	0.45	Diesel
51070	Bridges <sup>b</sup>	Graders	1	0	158	0.41	Diesel
51070	Bridges <sup>b</sup>	Rollers	1	0	150	0.38	Diesel
51070	Bridges <sup>b</sup>	Tractors/Loaders/Backhoes	1	3	87	0.37	Diesel
51110	Bridges <sup>b</sup>	Air Compressors	1	1	80	0.48	Diesel
51110	Bridges <sup>b</sup>	Cranes	3	10	160	0.29	Diesel
51110	Bridges <sup>b</sup>	Cranes	6	10	240	0.29	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
51110	Bridges <sup>b</sup>	Cranes	6	10	335	0.29	Diesel
51110	Bridges <sup>b</sup>	Crawler Tractors	6	10	242	0.43	Diesel
51110	Bridges <sup>b</sup>	Excavators	1	4	315	0.38	Diesel
51110	Bridges <sup>b</sup>	Off-Highway Trucks	1	8	375	0.38	Diesel
51110	Bridges <sup>b</sup>	Other Construction Equipment	6	10	92	0.42	Diesel
51110	Bridges <sup>b</sup>	Plate Compactors	1	4	8	0.43	Diesel
51110	Bridges <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
51120	Bridges <sup>b</sup>	Pumps	3	8	210	0.74	Diesel
51130	Bridges <sup>b</sup>	Pumps	5	10	210	0.74	Diesel
51131	Bridges <sup>b</sup>	Crawler Tractors	10	10	310	0.43	Diesel
51131	Bridges <sup>b</sup>	Excavators	10	10	384	0.38	Diesel
51131	Bridges <sup>b</sup>	Graders	10	10	215	0.41	Diesel
51131	Bridges <sup>b</sup>	Off-Highway Trucks	49	10	452	0.38	Diesel
51131	Bridges <sup>b</sup>	Pavers	1	6	224	0.42	Diesel
51131	Bridges <sup>b</sup>	Rollers	1	6	110	0.38	Diesel
51131	Bridges <sup>b</sup>	Rollers	1	6	131	0.38	Diesel
51131	Bridges <sup>b</sup>	Rollers	10	10	315	0.38	Diesel
51131	Bridges <sup>b</sup>	Tractors/Loaders/Backhoes	1	6	87	0.37	Diesel
20030	Canals <sup>b</sup>	Air Compressors	3	7	80	0.48	Diesel
20030	Canals <sup>b</sup>	Cranes	1	2	160	0.29	Diesel
20030	Canals <sup>b</sup>	Cranes	1	2	240	0.29	Diesel
20030	Canals <sup>b</sup>	Cranes	1	2	275	0.29	Diesel
20030	Canals <sup>b</sup>	Cranes	2	6	66	0.29	Diesel
20030	Canals <sup>b</sup>	Crawler Tractors	1	0	70	0.43	Diesel
20030	Canals <sup>b</sup>	Crawler Tractors	1	1	145	0.43	Diesel
20030	Canals <sup>b</sup>	Generator Sets	1	1	107	0.74	Diesel
20030	Canals <sup>b</sup>	Graders	1	1	215	0.41	Diesel
20030	Canals <sup>b</sup>	Off-Highway Trucks	1	1	375	0.38	Diesel
20030	Canals <sup>b</sup>	Plate Compactors	1	3	8	0.43	Diesel
20030	Canals <sup>b</sup>	Pumps	1	1	16	0.74	Diesel
20030	Canals <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
20030	Canals <sup>b</sup>	Rubber Tired Loaders	1	6	197	0.36	Diesel
20030	Canals <sup>b</sup>	Scrapers	1	1	175	0.48	Diesel
20030	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	1	5	101	0.37	Diesel
20030	Canals <sup>b</sup>	Welders	1	1	48	0.45	Diesel
20035	Canals <sup>b</sup>	Graders	1	1	158	0.41	Diesel
20035	Canals <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
20035	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	1	4	87	0.37	Diesel
20040	Canals <sup>b</sup>	Crawler Tractors	1	4	24	0.43	Diesel
20040	Canals <sup>b</sup>	Generator Sets	1	4	713	0.74	Diesel
20040	Canals <sup>b</sup>	Rubber Tired Loaders	1	8	211	0.36	Diesel
20040	Canals <sup>b</sup>	Welders	1	1	48	0.45	Diesel
20050	Canals <sup>b</sup>	Air Compressors	1	1	115	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
20050	Canals <sup>b</sup>	Cranes	2	8	240	0.29	Diesel
20050	Canals <sup>b</sup>	Cranes	2	8	335	0.29	Diesel
20050	Canals <sup>b</sup>	Crawler Tractors	1	3	145	0.43	Diesel
20050	Canals <sup>b</sup>	Crawler Tractors	1	3	310	0.43	Diesel
20050	Canals <sup>b</sup>	Crawler Tractors	1	7	410	0.43	Diesel
20050	Canals <sup>b</sup>	Graders	10	9	215	0.41	Diesel
20050	Canals <sup>b</sup>	Off-Highway Trucks	2	5	452	0.38	Diesel
20050	Canals <sup>b</sup>	Plate Compactors	1	1	8	0.43	Diesel
20050	Canals <sup>b</sup>	Pumps	1	2	16	0.74	Diesel
20050	Canals <sup>b</sup>	Rollers	1	7	315	0.38	Diesel
20050	Canals <sup>b</sup>	Rollers	2	6	150	0.38	Diesel
20050	Canals <sup>b</sup>	Rubber Tired Loaders	2	6	211	0.36	Diesel
20050	Canals <sup>b</sup>	Rubber Tired Loaders	1	3	501	0.36	Diesel
20050	Canals <sup>b</sup>	Scrapers	4	9	450	0.48	Diesel
20050	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	3	9	87	0.37	Diesel
20110	Canals <sup>b</sup>	Crawler Tractors	2	7	145	0.43	Diesel
20110	Canals <sup>b</sup>	Crushing/Proc. Equipment	1	6	85	0.78	Diesel
20110	Canals <sup>b</sup>	Excavators	1	7	128	0.38	Diesel
20120	Canals <sup>b</sup>	Crawler Tractors	3	18	580	0.43	Diesel
20120	Canals <sup>b</sup>	Crawler Tractors	2	12	145	0.43	Diesel
20120	Canals <sup>b</sup>	Crawler Tractors	4	17	310	0.43	Diesel
20120	Canals <sup>b</sup>	Excavators	1	2	315	0.38	Diesel
20120	Canals <sup>b</sup>	Excavators	2	11	384	0.38	Diesel
20120	Canals <sup>b</sup>	Excavators	2	15	908	0.38	Diesel
20120	Canals <sup>b</sup>	Generator Sets	25	20	12	0.74	Diesel
20120	Canals <sup>b</sup>	Graders	3	15	215	0.41	Diesel
20120	Canals <sup>b</sup>	Off-Highway Trucks	1	4	375	0.38	Diesel
20120	Canals <sup>b</sup>	Off-Highway Trucks	3	15	489	0.38	Diesel
20120	Canals <sup>b</sup>	Off-Highway Trucks	8	19	1000	0.38	Diesel
20120	Canals <sup>b</sup>	Rollers	5	17	315	0.38	Diesel
20120	Canals <sup>b</sup>	Scrapers	6	18	550	0.48	Diesel
20120	Canals <sup>b</sup>	Scrapers	1	14	500	0.48	Diesel
20130	Canals <sup>b</sup>	Crawler Tractors	4	18	145	0.43	Diesel
20130	Canals <sup>b</sup>	Crawler Tractors	7	20	310	0.43	Diesel
20130	Canals <sup>b</sup>	Excavators	1	2	315	0.38	Diesel
20130	Canals <sup>b</sup>	Excavators	3	17	384	0.38	Diesel
20130	Canals <sup>b</sup>	Excavators	3	18	908	0.38	Diesel
20130	Canals <sup>b</sup>	Generator Sets	14	20	12	0.74	Diesel
20130	Canals <sup>b</sup>	Graders	3	17	215	0.41	Diesel
20130	Canals <sup>b</sup>	Off-Highway Trucks	1	4	375	0.38	Diesel
20130	Canals <sup>b</sup>	Off-Highway Trucks	8	20	489	0.38	Diesel
20130	Canals <sup>b</sup>	Off-Highway Trucks	10	20	1000	0.38	Diesel
20130	Canals <sup>b</sup>	Rollers	3	18	315	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
20130	Canals <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
20130	Canals <sup>b</sup>	Rubber Tired Loaders	1	14	501	0.36	Diesel
20130	Canals <sup>b</sup>	Scrapers	1	3	450	0.48	Diesel
20150	Canals <sup>b</sup>	Crawler Tractors	8	19	145	0.43	Diesel
20150	Canals <sup>b</sup>	Crawler Tractors	6	18	310	0.43	Diesel
20150	Canals <sup>b</sup>	Crushing/Proc. Equipment	1	9	85	0.78	Diesel
20150	Canals <sup>b</sup>	Excavators	1	9	128	0.38	Diesel
20150	Canals <sup>b</sup>	Excavators	1	2	315	0.38	Diesel
20150	Canals <sup>b</sup>	Excavators	3	16	384	0.38	Diesel
20150	Canals <sup>b</sup>	Excavators	3	16	908	0.38	Diesel
20150	Canals <sup>b</sup>	Generator Sets	17	20	12	0.74	Diesel
20150	Canals <sup>b</sup>	Graders	7	18	215	0.41	Diesel
20150	Canals <sup>b</sup>	Off-Highway Trucks	1	4	375	0.38	Diesel
20150	Canals <sup>b</sup>	Off-Highway Trucks	7	19	489	0.38	Diesel
20150	Canals <sup>b</sup>	Off-Highway Trucks	11	20	1000	0.38	Diesel
20150	Canals <sup>b</sup>	Rollers	3	16	315	0.38	Diesel
20150	Canals <sup>b</sup>	Rollers	2	20	150	0.38	Diesel
20150	Canals <sup>b</sup>	Scrapers	2	20	175	0.48	Diesel
20150	Canals <sup>b</sup>	Scrapers	4	18	550	0.48	Diesel
20170	Canals <sup>b</sup>	Crawler Tractors	2	17	145	0.43	Diesel
20170	Canals <sup>b</sup>	Excavators	2	17	523	0.38	Diesel
20170	Canals <sup>b</sup>	Excavators	2	17	384	0.38	Diesel
20170	Canals <sup>b</sup>	Pumps	2	17	60	0.74	Diesel
20170	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	4	17	101	0.37	Diesel
20210	Canals <sup>b</sup>	Crawler Tractors	4	9	145	0.43	Diesel
20210	Canals <sup>b</sup>	Excavators	3	8	384	0.38	Diesel
20210	Canals <sup>b</sup>	Graders	3	9	215	0.41	Diesel
20210	Canals <sup>b</sup>	Off-Highway Trucks	4	9	489	0.38	Diesel
20210	Canals <sup>b</sup>	Pavers	1	5	224	0.42	Diesel
20210	Canals <sup>b</sup>	Pumps	1	3	16	0.74	Diesel
20210	Canals <sup>b</sup>	Rollers	1	5	110	0.38	Diesel
20210	Canals <sup>b</sup>	Rollers	1	5	131	0.38	Diesel
20210	Canals <sup>b</sup>	Rollers	2	9	315	0.38	Diesel
20210	Canals <sup>b</sup>	Rollers	2	8	150	0.38	Diesel
20210	Canals <sup>b</sup>	Rubber Tired Loaders	2	8	211	0.36	Diesel
20210	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	1	5	87	0.37	Diesel
20220	Canals <sup>b</sup>	Crawler Tractors	1	8	145	0.43	Diesel
20220	Canals <sup>b</sup>	Excavators	6	9	163	0.38	Diesel
20220	Canals <sup>b</sup>	Excavators	1	8	384	0.38	Diesel
20220	Canals <sup>b</sup>	Off-Highway Trucks	7	10	489	0.38	Diesel
20220	Canals <sup>b</sup>	Pavers	1	8	90	0.42	Diesel
20220	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	1	8	87	0.37	Diesel
20230	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	2	6	87	0.37	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
20230	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	2	6	80	0.37	Diesel
20300	Canals <sup>b</sup>	Other Construction Equipment	2	6	18	0.42	Diesel
20300	Canals <sup>b</sup>	Pumps	2	6	16	0.74	Diesel
20300	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	4	9	87	0.37	Diesel
20300	Canals <sup>b</sup>	Tractors/Loaders/Backhoes	3	8	80	0.37	Diesel
89040	Siphons <sup>b</sup>	Cranes	1	10	240	0.29	Diesel
89040	Siphons <sup>b</sup>	Cranes	1	10	335	0.29	Diesel
89040	Siphons <sup>b</sup>	Crawler Tractors	1	10	70	0.43	Diesel
89040	Siphons <sup>b</sup>	Crawler Tractors	1	10	145	0.43	Diesel
89040	Siphons <sup>b</sup>	Crawler Tractors	1	10	410	0.43	Diesel
89040	Siphons <sup>b</sup>	Excavators	1	10	315	0.38	Diesel
89040	Siphons <sup>b</sup>	Generator Sets	3	3	12	0.74	Diesel
89040	Siphons <sup>b</sup>	Graders	1	10	158	0.41	Diesel
89040	Siphons <sup>b</sup>	Graders	1	10	215	0.41	Diesel
89040	Siphons <sup>b</sup>	Off-Highway Trucks	1	10	452	0.38	Diesel
89040	Siphons <sup>b</sup>	Pumps	1	10	16	0.74	Diesel
89040	Siphons <sup>b</sup>	Rollers	1	10	240	0.38	Diesel
89040	Siphons <sup>b</sup>	Rollers	1	10	150	0.38	Diesel
89040	Siphons <sup>b</sup>	Rollers	1	10	18	0.38	Diesel
89040	Siphons <sup>b</sup>	Rubber Tired Loaders	1	10	211	0.36	Diesel
89040	Siphons <sup>b</sup>	Scrapers	2	5	450	0.48	Diesel
89040	Siphons <sup>b</sup>	Scrapers	1	10	500	0.48	Diesel
89040	Siphons <sup>b</sup>	Tractors/Loaders/Backhoes	1	10	87	0.37	Diesel
89050	Siphons <sup>b</sup>	Air Compressors	2	5	80	0.48	Diesel
89050	Siphons <sup>b</sup>	Cranes	1	10	160	0.29	Diesel
89050	Siphons <sup>b</sup>	Cranes	1	10	240	0.29	Diesel
89050	Siphons <sup>b</sup>	Cranes	1	10	275	0.29	Diesel
89050	Siphons <sup>b</sup>	Cranes	2	5	66	0.29	Diesel
89050	Siphons <sup>b</sup>	Crawler Tractors	1	10	70	0.43	Diesel
89050	Siphons <sup>b</sup>	Crawler Tractors	1	10	145	0.43	Diesel
89050	Siphons <sup>b</sup>	Generator Sets	1	10	107	0.74	Diesel
89050	Siphons <sup>b</sup>	Graders	1	10	215	0.41	Diesel
89050	Siphons <sup>b</sup>	Off-Highway Trucks	1	10	375	0.38	Diesel
89050	Siphons <sup>b</sup>	Plate Compactors	1	10	8	0.43	Diesel
89050	Siphons <sup>b</sup>	Pumps	1	10	16	0.74	Diesel
89050	Siphons <sup>b</sup>	Rollers	1	10	150	0.38	Diesel
89050	Siphons <sup>b</sup>	Rubber Tired Loaders	1	10	197	0.36	Diesel
89050	Siphons <sup>b</sup>	Scrapers	1	10	175	0.48	Diesel
89050	Siphons <sup>b</sup>	Tractors/Loaders/Backhoes	1	10	101	0.37	Diesel
89050	Siphons <sup>b</sup>	Welders	1	10	48	0.45	Diesel
89060	Siphons <sup>b</sup>	Crawler Tractors	2	5	24	0.43	Diesel
89060	Siphons <sup>b</sup>	Generator Sets	2	5	713	0.74	Diesel
89060	Siphons <sup>b</sup>	Rubber Tired Loaders	3	3	211	0.36	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
89060	Siphons <sup>b</sup>	Welders	1	10	48	0.45	Diesel
89070	Siphons <sup>b</sup>	Graders	1	8	158	0.41	Diesel
89070	Siphons <sup>b</sup>	Rollers	1	8	150	0.38	Diesel
89070	Siphons <sup>b</sup>	Tractors/Loaders/Backhoes	1	8	87	0.37	Diesel
89111	Siphons <sup>b</sup>	Bore/Drill Rigs	4	5	206	0.50	Diesel
89111	Siphons <sup>b</sup>	Cranes	3	7	240	0.29	Diesel
89111	Siphons <sup>b</sup>	Cranes	6	3	335	0.29	Diesel
89111	Siphons <sup>b</sup>	Crawler Tractors	6	3	242	0.43	Diesel
89111	Siphons <sup>b</sup>	Off-Highway Trucks	3	7	489	0.38	Diesel
89111	Siphons <sup>b</sup>	Other construction equipment	3	7	325	0.42	Diesel
89111	Siphons <sup>b</sup>	Welders	4	5	48	0.45	Diesel
89112	Siphons <sup>b</sup>	Cranes	2	10	240	0.29	Diesel
89112	Siphons <sup>b</sup>	Cranes	2	10	335	0.29	Diesel
89112	Siphons <sup>b</sup>	Crawler Tractors	2	10	242	0.43	Diesel
89112	Siphons <sup>b</sup>	Crawler Tractors	1	20	310	0.43	Diesel
89112	Siphons <sup>b</sup>	Excavators	1	20	908	0.38	Diesel
89112	Siphons <sup>b</sup>	Graders	1	20	215	0.41	Diesel
89112	Siphons <sup>b</sup>	Graders	1	20	350	0.41	Diesel
89112	Siphons <sup>b</sup>	Off-Highway Trucks	1	20	489	0.38	Diesel
89112	Siphons <sup>b</sup>	Off-Highway Trucks	3	7	650	0.38	Diesel
89112	Siphons <sup>b</sup>	Other Construction Equipment	2	10	92	0.42	Diesel
89112	Siphons <sup>b</sup>	Pumps	1	20	60	0.74	Diesel
89112	Siphons <sup>b</sup>	Rollers	1	20	150	0.38	Diesel
89112	Siphons <sup>b</sup>	Rubber Tired Loaders	1	20	800	0.36	Diesel
89112	Siphons <sup>b</sup>	Scrapers	1	20	500	0.48	Diesel
89120	Siphons <sup>b</sup>	Air Compressors	4	3	500	0.48	Diesel
89120	Siphons <sup>b</sup>	Air Compressors	1	10	115	0.48	Diesel
89120	Siphons <sup>b</sup>	Cranes	4	3	365	0.29	Diesel
89120	Siphons <sup>b</sup>	Generator Sets	4	3	143	0.74	Diesel
89120	Siphons <sup>b</sup>	Other construction equipment	1	10	36	0.42	Diesel
89120	Siphons <sup>b</sup>	Pumps	2	5	210	0.74	Diesel
89120	Siphons <sup>b</sup>	Welders	7	1	48	0.45	Diesel
89130	Siphons <sup>b</sup>	Air Compressors	1	10	80	0.48	Diesel
89130	Siphons <sup>b</sup>	Cranes	1	10	160	0.29	Diesel
89130	Siphons <sup>b</sup>	Cranes	1	10	240	0.29	Diesel
89130	Siphons <sup>b</sup>	Cranes	1	10	275	0.29	Diesel
89130	Siphons <sup>b</sup>	Cranes	1	10	66	0.29	Diesel
89130	Siphons <sup>b</sup>	Crawler Tractors	1	10	70	0.43	Diesel
89130	Siphons <sup>b</sup>	Crawler Tractors	1	10	410	0.43	Diesel
89130	Siphons <sup>b</sup>	Generator Sets	1	10	107	0.74	Diesel
89130	Siphons <sup>b</sup>	Graders	1	10	215	0.41	Diesel
89130	Siphons <sup>b</sup>	Off-Highway Trucks	1	10	375	0.38	Diesel
89130	Siphons <sup>b</sup>	Off-Highway Trucks	1	10	489	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
89130	Siphons <sup>b</sup>	Pumps	1	10	60	0.74	Diesel
89130	Siphons <sup>b</sup>	Rollers	1	10	315	0.38	Diesel
89130	Siphons <sup>b</sup>	Rollers	1	10	150	0.38	Diesel
89130	Siphons <sup>b</sup>	Rubber Tired Loaders	1	10	197	0.36	Diesel
89130	Siphons <sup>b</sup>	Rubber Tired Loaders	1	10	501	0.36	Diesel
89130	Siphons <sup>b</sup>	Scrapers	1	10	500	0.48	Diesel
89130	Siphons <sup>b</sup>	Welders	1	10	48	0.45	Diesel
89141	Siphons <sup>b</sup>	Bore/Drill Rigs	4	5	206	0.50	Diesel
89141	Siphons <sup>b</sup>	Cranes	3	7	240	0.29	Diesel
89141	Siphons <sup>b</sup>	Cranes	6	3	335	0.29	Diesel
89141	Siphons <sup>b</sup>	Crawler Tractors	6	3	242	0.43	Diesel
89141	Siphons <sup>b</sup>	Off-Highway Trucks	2	10	489	0.38	Diesel
89141	Siphons <sup>b</sup>	Other construction equipment	3	7	325	0.42	Diesel
89141	Siphons <sup>b</sup>	Welders	4	5	48	0.45	Diesel
89142	Siphons <sup>b</sup>	Cranes	2	10	240	0.29	Diesel
89142	Siphons <sup>b</sup>	Cranes	2	10	335	0.29	Diesel
89142	Siphons <sup>b</sup>	Crawler Tractors	2	10	242	0.43	Diesel
89142	Siphons <sup>b</sup>	Crawler Tractors	1	20	310	0.43	Diesel
89142	Siphons <sup>b</sup>	Excavators	1	20	908	0.38	Diesel
89142	Siphons <sup>b</sup>	Graders	1	20	215	0.41	Diesel
89142	Siphons <sup>b</sup>	Graders	1	20	350	0.41	Diesel
89142	Siphons <sup>b</sup>	Off-Highway Trucks	1	20	489	0.38	Diesel
89142	Siphons <sup>b</sup>	Off-Highway Trucks	3	7	650	0.38	Diesel
89142	Siphons <sup>b</sup>	Other Construction Equipment	2	10	92	0.42	Diesel
89142	Siphons <sup>b</sup>	Pumps	1	20	60	0.74	Diesel
89142	Siphons <sup>b</sup>	Rollers	1	20	150	0.38	Diesel
89142	Siphons <sup>b</sup>	Rubber Tired Loaders	1	20	800	0.36	Diesel
89142	Siphons <sup>b</sup>	Scrapers	1	20	500	0.48	Diesel
89150	Siphons <sup>b</sup>	Air Compressors	3	3	500	0.48	Diesel
89150	Siphons <sup>b</sup>	Air Compressors	1	10	115	0.48	Diesel
89150	Siphons <sup>b</sup>	Cranes	3	3	365	0.29	Diesel
89150	Siphons <sup>b</sup>	Generator Sets	3	3	143	0.74	Diesel
89150	Siphons <sup>b</sup>	Other construction equipment	1	10	36	0.42	Diesel
89150	Siphons <sup>b</sup>	Pumps	1	10	210	0.74	Diesel
89150	Siphons <sup>b</sup>	Welders	6	2	48	0.45	Diesel
89160	Siphons <sup>b</sup>	Cranes	1	10	275	0.29	Diesel
89160	Siphons <sup>b</sup>	Crawler Tractors	1	10	410	0.43	Diesel
89160	Siphons <sup>b</sup>	Graders	1	10	215	0.41	Diesel
89160	Siphons <sup>b</sup>	Off-Highway Trucks	1	10	489	0.38	Diesel
89160	Siphons <sup>b</sup>	Pumps	1	10	60	0.74	Diesel
89160	Siphons <sup>b</sup>	Rollers	1	10	315	0.38	Diesel
89160	Siphons <sup>b</sup>	Rubber Tired Loaders	1	10	501	0.36	Diesel
89160	Siphons <sup>b</sup>	Scrapers	1	10	500	0.48	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
9005	Dredge <sup>b</sup>	Welders	1	0	48	0.45	Diesel
9005	Dredge <sup>b</sup>	Air Compressors	3	8	80	0.48	Diesel
9009	Dredge <sup>b</sup>	Crawler Tractors	2	6	24	0.43	Diesel
9004	Dredge <sup>b</sup>	Graders	1	0	158	0.41	Diesel
9006	Dredge <sup>b</sup>	Graders	1	0	158	0.41	Diesel
9007	Dredge <sup>b</sup>	Graders	1	0	158	0.41	Diesel
9004	Dredge <sup>b</sup>	Graders	1	1	215	0.41	Diesel
9005	Dredge <sup>b</sup>	Graders	1	2	215	0.41	Diesel
9007	Dredge <sup>b</sup>	Graders	3	7	215	0.41	Diesel
9009	Dredge <sup>b</sup>	Graders	1	10	215	0.41	Diesel
9007	Dredge <sup>b</sup>	Excavators	2	9	523	0.38	Diesel
9004	Dredge <sup>b</sup>	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
9006	Dredge <sup>b</sup>	Tractors/Loaders/Backhoes	1	3	87	0.37	Diesel
9009	Dredge <sup>b</sup>	Tractors/Loaders/Backhoes	1	6	87	0.37	Diesel
9005	Dredge <sup>b</sup>	Tractors/Loaders/Backhoes	1	4	101	0.37	Diesel
9005	Dredge <sup>b</sup>	Scrapers	1	3	175	0.48	Diesel
9004	Dredge <sup>b</sup>	Scrapers	1	5	450	0.48	Diesel
9007	Dredge <sup>b</sup>	Scrapers	4	8	450	0.48	Diesel
9009	Dredge <sup>b</sup>	Scrapers	10	10	450	0.48	Diesel
9005	Dredge <sup>b</sup>	Off-Highway Trucks	1	1	375	0.38	Diesel
9004	Dredge <sup>b</sup>	Rollers	1	2	240	0.38	Diesel
9009	Dredge <sup>b</sup>	Rollers	2	10	240	0.38	Diesel
9007	Dredge <sup>b</sup>	Rollers	2	9	315	0.38	Diesel
9005	Dredge <sup>b</sup>	Rubber Tired Loaders	1	4	197	0.36	Diesel
9004	Dredge <sup>b</sup>	Rubber Tired Loaders	1	1	211	0.36	Diesel
9004	Dredge <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
9005	Dredge <sup>b</sup>	Rollers	1	2	150	0.38	Diesel
9006	Dredge <sup>b</sup>	Rollers	1	0	150	0.38	Diesel
9007	Dredge <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
9004	Dredge <sup>b</sup>	Crawler Tractors	1	0	70	0.43	Diesel
9005	Dredge <sup>b</sup>	Crawler Tractors	1	0	70	0.43	Diesel
9007	Dredge <sup>b</sup>	Crawler Tractors	2	5	70	0.43	Diesel
9004	Dredge <sup>b</sup>	Crawler Tractors	1	2	145	0.43	Diesel
9005	Dredge <sup>b</sup>	Crawler Tractors	1	2	145	0.43	Diesel
9007	Dredge <sup>b</sup>	Crawler Tractors	7	9	145	0.43	Diesel
9009	Dredge <sup>b</sup>	Crawler Tractors	2	10	145	0.43	Diesel
9008	Dredge <sup>b</sup>	Crawler Tractors	2	20	310	0.43	Diesel
9004	Dredge <sup>b</sup>	Crawler Tractors	1	2	410	0.43	Diesel
9007	Dredge <sup>b</sup>	Crawler Tractors	2	5	410	0.43	Diesel
9009	Dredge <sup>b</sup>	Crawler Tractors	2	10	410	0.43	Diesel
9007	Dredge <sup>b</sup>	Rubber Tired Loaders	1	8	145	0.36	Diesel
9004	Dredge <sup>b</sup>	Off-Highway Trucks	1	0	452	0.38	Diesel
9007	Dredge <sup>b</sup>	Off-Highway Trucks	1	7	452	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
9007	Dredge <sup>b</sup>	Off-Highway Trucks	6	9	650	0.38	Diesel
9005	Dredge <sup>b</sup>	Plate Compactors	1	2	8	0.43	Diesel
9004	Dredge <sup>b</sup>	Rollers	1	0	18	0.38	Diesel
9005	Dredge <sup>b</sup>	Cranes	1	10	160	0.29	Diesel
9004	Dredge <sup>b</sup>	Cranes	1	8	240	0.29	Diesel
9005	Dredge <sup>b</sup>	Cranes	1	1	240	0.29	Diesel
9005	Dredge <sup>b</sup>	Cranes	1	10	275	0.29	Diesel
9004	Dredge <sup>b</sup>	Scrapers	1	1	500	0.48	Diesel
9007	Dredge <sup>b</sup>	Scrapers	1	3	500	0.48	Diesel
9004	Dredge <sup>b</sup>	Excavators	1	0	315	0.38	Diesel
9007	Dredge <sup>b</sup>	Excavators	1	4	384	0.38	Diesel
9004	Dredge <sup>b</sup>	Generator Sets	1	7	12	0.74	Diesel
9007	Dredge <sup>b</sup>	Generator Sets	9	10	12	0.74	Diesel
9004	Dredge <sup>b</sup>	Cranes	1	8	335	0.29	Diesel
9005	Dredge <sup>b</sup>	Cranes	2	9	66	0.29	Diesel
9005	Dredge <sup>b</sup>	Generator Sets	1	0	107	0.74	Diesel
9004	Dredge <sup>b</sup>	Pumps	1	0	16	0.74	Diesel
9005	Dredge <sup>b</sup>	Pumps	1	2	16	0.74	Diesel
9008	Dredge <sup>b</sup>	Cranes	2	20	800	0.29	Diesel
9007	Dredge <sup>b</sup>	Pumps	1	3	16	0.74	Diesel
9007	Dredge <sup>b</sup>	Gas Pump	7	9	2	0.69	Gasoline
11111	Head of Old River Barrier <sup>b</sup>	Cranes	1	8	240	0.29	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Excavators	1	8	165	0.38	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Graders	1	8	215	0.41	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Other Construction Equipment	1	8	325	0.42	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Rollers	1	8	81	0.38	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Rubber Tired Loaders	1	8	100	0.36	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Rubber Tired Loaders	1	8	100	0.36	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Scrapers	1	8	400	0.48	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Tractors/Loaders/Backhoes	1	8	98	0.37	Diesel
11112	Head of Old River Barrier <sup>b</sup>	Cranes	1	8	240	0.29	Diesel
11112	Head of Old River Barrier <sup>b</sup>	Graders	1	8	215	0.41	Diesel
11112	Head of Old River Barrier <sup>b</sup>	Other Construction Equipment	1	8	325	0.42	Diesel
11112	Head of Old River Barrier <sup>b</sup>	Rollers	1	8	81	0.38	Diesel
11112	Head of Old River Barrier <sup>b</sup>	Rubber Tired Loaders	1	8	100	0.36	Diesel
11112	Head of Old River Barrier <sup>b</sup>	Scrapers	1	8	400	0.48	Diesel
11113	Head of Old River Barrier <sup>b</sup>	Cranes	1	8	240	0.29	Diesel
11113	Head of Old River Barrier <sup>b</sup>	Excavators	1	8	165	0.38	Diesel
11113	Head of Old River Barrier <sup>b</sup>	Graders	1	8	215	0.41	Diesel
11113	Head of Old River Barrier <sup>b</sup>	Other Construction Equipment	1	8	325	0.42	Diesel
11113	Head of Old River Barrier <sup>b</sup>	Rubber Tired Loaders	1	8	100	0.36	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Welders	1	1	48	0.45	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Air Compressors	2	9	80	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
10060	Intermediate Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	6	101	0.37	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Scrapers	1	2	175	0.48	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	1	375	0.38	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	6	197	0.36	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	0	70	0.43	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	1	145	0.43	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Plate Compactors	1	3	8	0.43	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Cranes	1	2	160	0.29	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Cranes	1	1	240	0.29	Diesel
10140	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	2	10	375	0.38	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	3	9	375	0.38	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	3	10	375	0.38	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Cranes	1	8	275	0.29	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Cranes	1	10	66	0.29	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	1	107	0.74	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Pumps	1	1	16	0.74	Diesel
10065	Intermediate Pump Plant <sup>b</sup>	Graders	1	1	158	0.41	Diesel
10065	Intermediate Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	7	87	0.37	Diesel
10065	Intermediate Pump Plant <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
10085	Intermediate Pump Plant <sup>b</sup>	Welders	1	2	48	0.45	Diesel
10085	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	9	24	0.43	Diesel
10085	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	3	9	211	0.36	Diesel
10085	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	9	713	0.74	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Crushing/Proc. Equipment	1	2	85	0.78	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Graders	2	6	215	0.41	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Excavators	1	2	128	0.38	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Scrapers	4	9	450	0.48	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Rollers	1	8	315	0.38	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	6	211	0.36	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Rollers	1	6	150	0.38	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	2	10	580	0.43	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	3	9	145	0.43	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Excavators	1	5	315	0.38	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Pumps	2	7	16	0.74	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Bore/Drill Rigs	11	10	206	0.50	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Pavers	1	0	224	0.42	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rollers	1	0	110	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rollers	1	0	131	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	3	24	0.43	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Graders	1	0	158	0.41	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
10110	Intermediate Pump Plant <sup>b</sup>	Graders	2	5	215	0.41	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Excavators	1	0	128	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Excavators	1	8	523	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	1	87	0.37	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	4	375	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	3	8	489	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rollers	1	1	240	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rollers	1	8	315	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	2	197	0.36	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	1	211	0.36	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	4	250	0.36	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Rollers	1	3	150	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	2	70	0.43	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	3	9	145	0.43	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	7	9	650	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Plate Compactors	1	2	8	0.43	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Pavers	1	1	92	0.42	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Excavators	1	2	384	0.38	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Generator Sets	5	8	12	0.74	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Pumps	1	2	16	0.74	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Graders	7	9	215	0.41	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Rollers	4	10	315	0.38	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	4	501	0.36	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	4	10	800	0.36	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Rollers	1	4	150	0.38	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	11	9	310	0.43	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	2	9	410	0.43	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	8	650	0.38	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	19	10	1000	0.38	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Plate Compactors	5	8	8	0.43	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Scrapers	1	5	500	0.48	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Excavators	3	8	908	0.38	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Generator Sets	17	10	12	0.74	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Pumps	2	9	60	0.74	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	1	489	0.38	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	2	9	242	0.43	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Rollers	1	0	150	0.38	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Cranes	2	5	160	0.29	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Cranes	2	9	240	0.29	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Scrapers	1	0	500	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
10120	Intermediate Pump Plant <sup>b</sup>	Cranes	2	9	335	0.29	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Other Construction Equipment	2	9	92	0.42	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Pumps	1	0	60	0.74	Diesel
10130	Intermediate Pump Plant <sup>b</sup>	Welders	3	10	48	0.45	Diesel
10130	Intermediate Pump Plant <sup>b</sup>	Air Compressors	2	7	500	0.48	Diesel
10130	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	0	115	0.48	Diesel
10130	Intermediate Pump Plant <sup>b</sup>	Pumps	1	8	210	0.74	Diesel
10130	Intermediate Pump Plant <sup>b</sup>	Cranes	5	8	365	0.29	Diesel
10130	Intermediate Pump Plant <sup>b</sup>	Generator Sets	2	7	143	0.74	Diesel
10135	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	10	80	0.48	Diesel
10135	Intermediate Pump Plant <sup>b</sup>	Cranes	1	10	160	0.29	Diesel
10135	Intermediate Pump Plant <sup>b</sup>	Cranes	1	10	66	0.29	Diesel
10140	Intermediate Pump Plant <sup>b</sup>	Cranes	3	7	335	0.29	Diesel
10145	Intermediate Pump Plant <sup>b</sup>	Welders	1	3	48	0.45	Diesel
10145	Intermediate Pump Plant <sup>b</sup>	Cranes	2	6	335	0.29	Diesel
10150	Intermediate Pump Plant <sup>b</sup>	Pumps	1	5	210	0.74	Diesel
10150	Intermediate Pump Plant <sup>b</sup>	Cranes	1	3	335	0.29	Diesel
10155	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	4	80	0.48	Diesel
10155	Intermediate Pump Plant <sup>b</sup>	Cranes	1	2	160	0.29	Diesel
10155	Intermediate Pump Plant <sup>b</sup>	Cranes	1	2	240	0.29	Diesel
10155	Intermediate Pump Plant <sup>b</sup>	Cranes	1	1	275	0.29	Diesel
10155	Intermediate Pump Plant <sup>b</sup>	Cranes	1	6	335	0.29	Diesel
10160	Intermediate Pump Plant <sup>b</sup>	Cranes	3	8	66	0.29	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Welders	1	1	48	0.45	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	7	80	0.48	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Graders	1	0	158	0.41	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	1	375	0.38	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	197	0.36	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Rollers	1	0	150	0.38	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	0	70	0.43	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	0	145	0.43	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	0	452	0.38	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Cranes	1	7	160	0.29	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Cranes	1	3	240	0.29	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Excavators	1	0	384	0.38	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Cranes	1	7	66	0.29	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	1	107	0.74	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Welders	3	7	48	0.45	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Air Compressors	2	5	500	0.48	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	1	80	0.48	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	2	115	0.48	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Graders	1	6	215	0.41	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Graders	1	1	350	0.41	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
10200	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	2	10	489	0.38	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Rollers	1	9	315	0.38	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	5	800	0.36	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Rollers	1	0	150	0.38	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	1	310	0.43	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	2	5	410	0.43	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	3	1000	0.38	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Pumps	2	9	210	0.74	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Scrapers	1	6	500	0.48	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Excavators	1	1	908	0.38	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	7	12	0.74	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Cranes	2	5	365	0.29	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Generator Sets	2	5	143	0.74	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Pumps	1	6	60	0.74	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Welders	1	6	48	0.45	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	3	500	0.48	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	0	80	0.48	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	1	115	0.48	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Graders	1	0	215	0.41	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Graders	1	1	350	0.41	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	0	489	0.38	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	3	242	0.43	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Rollers	1	0	150	0.38	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	0	310	0.43	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	3	452	0.38	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	3	650	0.38	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Pumps	1	2	210	0.74	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Cranes	1	1	160	0.29	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Cranes	1	2	240	0.29	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Cranes	1	0	275	0.29	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Scrapers	1	1	500	0.48	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Excavators	1	1	384	0.38	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Excavators	1	1	908	0.38	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Cranes	1	8	335	0.29	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Cranes	1	5	335	0.29	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Cranes	1	8	365	0.29	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	3	143	0.74	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Other Construction Equipment	1	2	92	0.42	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Other construction equipment	1	1	325	0.42	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Welders	2	6	48	0.45	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	3	500	0.48	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	1	80	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
10350	Intermediate Pump Plant <sup>b</sup>	Air Compressors	1	0	115	0.48	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Graders	1	2	215	0.41	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Graders	1	1	350	0.41	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	0	489	0.38	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	211	0.36	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	4	242	0.43	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	1	501	0.36	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	2	310	0.43	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Crawler Tractors	1	1	410	0.43	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Off-Highway Trucks	1	6	650	0.38	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Plate Compactors	1	0	8	0.43	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Rollers	1	1	18	0.38	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Pumps	1	8	210	0.74	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Cranes	1	1	160	0.29	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Cranes	1	2	240	0.29	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Scrapers	1	1	500	0.48	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Excavators	1	1	384	0.38	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Excavators	1	1	908	0.38	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	5	12	0.74	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Cranes	1	4	335	0.29	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Cranes	2	7	335	0.29	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Cranes	1	10	365	0.29	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	3	143	0.74	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Generator Sets	1	0	107	0.74	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Other Construction Equipment	1	1	92	0.42	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Other construction equipment	1	3	325	0.42	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Pumps	1	1	60	0.74	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel
6040	Pipelines <sup>v</sup>	Graders	1	0	158	0.41	Diesel
6040	Pipelines <sup>v</sup>	Graders	1	4	215	0.41	Diesel
6040	Pipelines <sup>v</sup>	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
6040	Pipelines <sup>v</sup>	Scrapers	1	9	450	0.48	Diesel
6040	Pipelines <sup>v</sup>	Rollers	1	3	240	0.38	Diesel
6040	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	3	211	0.36	Diesel
6040	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	3	501	0.36	Diesel
6040	Pipelines <sup>v</sup>	Rollers	1	3	150	0.38	Diesel
6040	Pipelines <sup>v</sup>	Crawler Tractors	1	0	70	0.43	Diesel
6040	Pipelines <sup>v</sup>	Crawler Tractors	1	6	145	0.43	Diesel
6040	Pipelines <sup>v</sup>	Crawler Tractors	1	3	310	0.43	Diesel
6040	Pipelines <sup>v</sup>	Crawler Tractors	1	3	410	0.43	Diesel
6040	Pipelines <sup>v</sup>	Off-Highway Trucks	2	7	452	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
6040	Pipelines <sup>v</sup>	Rollers	1	1	18	0.38	Diesel
6040	Pipelines <sup>v</sup>	Scrapers	1	2	500	0.48	Diesel
6040	Pipelines <sup>v</sup>	Excavators	1	0	315	0.38	Diesel
6040	Pipelines <sup>v</sup>	Generator Sets	2	6	12	0.74	Diesel
6040	Pipelines <sup>v</sup>	Pumps	1	1	16	0.74	Diesel
6050	Pipelines <sup>v</sup>	Welders	1	0	48	0.45	Diesel
6050	Pipelines <sup>v</sup>	Air Compressors	1	6	80	0.48	Diesel
6050	Pipelines <sup>v</sup>	Graders	1	0	215	0.41	Diesel
6050	Pipelines <sup>v</sup>	Tractors/Loaders/Backhoes	1	2	101	0.37	Diesel
6050	Pipelines <sup>v</sup>	Scrapers	1	1	175	0.48	Diesel
6050	Pipelines <sup>v</sup>	Off-Highway Trucks	1	0	375	0.38	Diesel
6050	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	2	197	0.36	Diesel
6050	Pipelines <sup>v</sup>	Rollers	1	0	150	0.38	Diesel
6050	Pipelines <sup>v</sup>	Crawler Tractors	1	0	70	0.43	Diesel
6050	Pipelines <sup>v</sup>	Crawler Tractors	1	0	145	0.43	Diesel
6050	Pipelines <sup>v</sup>	Plate Compactors	1	1	8	0.43	Diesel
6050	Pipelines <sup>v</sup>	Cranes	1	1	160	0.29	Diesel
6050	Pipelines <sup>v</sup>	Cranes	1	0	240	0.29	Diesel
6050	Pipelines <sup>v</sup>	Cranes	1	1	275	0.29	Diesel
6050	Pipelines <sup>v</sup>	Cranes	1	3	66	0.29	Diesel
6050	Pipelines <sup>v</sup>	Generator Sets	1	0	107	0.74	Diesel
6050	Pipelines <sup>v</sup>	Pumps	1	0	16	0.74	Diesel
6060	Pipelines <sup>v</sup>	Welders	1	1	48	0.45	Diesel
6060	Pipelines <sup>v</sup>	Crawler Tractors	1	3	24	0.43	Diesel
6060	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	6	211	0.36	Diesel
6060	Pipelines <sup>v</sup>	Generator Sets	1	3	713	0.74	Diesel
6070	Pipelines <sup>v</sup>	Graders	1	1	158	0.41	Diesel
6070	Pipelines <sup>v</sup>	Tractors/Loaders/Backhoes	1	1	87	0.37	Diesel
6070	Pipelines <sup>v</sup>	Rollers	1	1	150	0.38	Diesel
6070	Pipelines <sup>v</sup>	Crawler Tractors	1	0	145	0.43	Diesel
6070	Pipelines <sup>v</sup>	Off-Highway Trucks	1	0	452	0.38	Diesel
6070	Pipelines <sup>v</sup>	Excavators	1	0	315	0.38	Diesel
6110	Pipelines <sup>v</sup>	Crushing/Proc. Equipment	1	0	85	0.78	Diesel
6110	Pipelines <sup>v</sup>	Graders	3	8	215	0.41	Diesel
6110	Pipelines <sup>v</sup>	Graders	2	7	350	0.41	Diesel
6110	Pipelines <sup>v</sup>	Excavators	1	0	128	0.38	Diesel
6110	Pipelines <sup>v</sup>	Tractors/Loaders/Backhoes	1	0	101	0.37	Diesel
6110	Pipelines <sup>v</sup>	Scrapers	1	0	175	0.48	Diesel
6110	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	4	211	0.36	Diesel
6110	Pipelines <sup>v</sup>	Crawler Tractors	1	9	242	0.43	Diesel
6110	Pipelines <sup>v</sup>	Rubber Tired Loaders	2	6	501	0.36	Diesel
6110	Pipelines <sup>v</sup>	Rollers	3	7	150	0.38	Diesel
6110	Pipelines <sup>v</sup>	Crawler Tractors	1	1	145	0.43	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
6110	Pipelines <sup>v</sup>	Crawler Tractors	2	9	310	0.43	Diesel
6110	Pipelines <sup>v</sup>	Off-Highway Trucks	7	9	650	0.38	Diesel
6110	Pipelines <sup>v</sup>	Rollers	4	9	18	0.38	Diesel
6110	Pipelines <sup>v</sup>	Cranes	1	1	240	0.29	Diesel
6110	Pipelines <sup>v</sup>	Scrapers	2	7	500	0.48	Diesel
6110	Pipelines <sup>v</sup>	Excavators	2	7	908	0.38	Diesel
6110	Pipelines <sup>v</sup>	Cranes	3	8	335	0.29	Diesel
6110	Pipelines <sup>v</sup>	Cranes	1	1	335	0.29	Diesel
6110	Pipelines <sup>v</sup>	Pumps	24	20	16	0.74	Diesel
6110	Pipelines <sup>v</sup>	Off-Highway Trucks	8	9	375	0.38	Diesel
6110	Pipelines <sup>v</sup>	Bore/Drill Rigs	1	5	206	0.50	Diesel
6120	Pipelines <sup>v</sup>	Welders	1	7	48	0.45	Diesel
6120	Pipelines <sup>v</sup>	Air Compressors	1	1	500	0.48	Diesel
6120	Pipelines <sup>v</sup>	Air Compressors	1	2	115	0.48	Diesel
6120	Pipelines <sup>v</sup>	Graders	1	0	215	0.41	Diesel
6120	Pipelines <sup>v</sup>	Graders	1	1	350	0.41	Diesel
6120	Pipelines <sup>v</sup>	Crawler Tractors	1	2	242	0.43	Diesel
6120	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
6120	Pipelines <sup>v</sup>	Off-Highway Trucks	1	5	452	0.38	Diesel
6120	Pipelines <sup>v</sup>	Off-Highway Trucks	1	4	650	0.38	Diesel
6120	Pipelines <sup>v</sup>	Pumps	1	2	210	0.74	Diesel
6120	Pipelines <sup>v</sup>	Cranes	1	2	240	0.29	Diesel
6120	Pipelines <sup>v</sup>	Scrapers	1	1	500	0.48	Diesel
6120	Pipelines <sup>v</sup>	Excavators	1	2	384	0.38	Diesel
6120	Pipelines <sup>v</sup>	Excavators	1	1	908	0.38	Diesel
6120	Pipelines <sup>v</sup>	Cranes	1	4	335	0.29	Diesel
6120	Pipelines <sup>v</sup>	Cranes	1	3	335	0.29	Diesel
6120	Pipelines <sup>v</sup>	Cranes	1	2	365	0.29	Diesel
6120	Pipelines <sup>v</sup>	Generator Sets	1	1	143	0.74	Diesel
6120	Pipelines <sup>v</sup>	Generator Sets	1	1	107	0.74	Diesel
6120	Pipelines <sup>v</sup>	Other construction equipment	1	3	325	0.42	Diesel
6120	Pipelines <sup>v</sup>	Off-Highway Trucks	2	7	375	0.38	Diesel
6120	Pipelines <sup>v</sup>	Bore/Drill Rigs	1	4	206	0.50	Diesel
6130	Pipelines <sup>v</sup>	Welders	1	1	48	0.45	Diesel
6130	Pipelines <sup>v</sup>	Air Compressors	1	0	80	0.48	Diesel
6130	Pipelines <sup>v</sup>	Graders	2	6	215	0.41	Diesel
6130	Pipelines <sup>v</sup>	Graders	1	2	350	0.41	Diesel
6130	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	0	211	0.36	Diesel
6130	Pipelines <sup>v</sup>	Crawler Tractors	2	6	242	0.43	Diesel
6130	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	2	501	0.36	Diesel
6130	Pipelines <sup>v</sup>	Rollers	3	7	150	0.38	Diesel
6130	Pipelines <sup>v</sup>	Crawler Tractors	3	7	310	0.43	Diesel
6130	Pipelines <sup>v</sup>	Off-Highway Trucks	1	9	650	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
6130	Pipelines <sup>v</sup>	Rollers	5	8	18	0.38	Diesel
6130	Pipelines <sup>v</sup>	Pumps	1	1	210	0.74	Diesel
6130	Pipelines <sup>v</sup>	Cranes	1	1	160	0.29	Diesel
6130	Pipelines <sup>v</sup>	Cranes	1	1	240	0.29	Diesel
6130	Pipelines <sup>v</sup>	Scrapers	2	5	500	0.48	Diesel
6130	Pipelines <sup>v</sup>	Excavators	1	2	908	0.38	Diesel
6130	Pipelines <sup>v</sup>	Cranes	1	4	335	0.29	Diesel
6130	Pipelines <sup>v</sup>	Cranes	1	1	335	0.29	Diesel
6130	Pipelines <sup>v</sup>	Generator Sets	1	1	107	0.74	Diesel
6130	Pipelines <sup>v</sup>	Other Construction Equipment	1	1	92	0.42	Diesel
6130	Pipelines <sup>v</sup>	Off-Highway Trucks	2	6	375	0.38	Diesel
6130	Pipelines <sup>v</sup>	Bore/Drill Rigs	1	3	206	0.50	Diesel
6140	Pipelines <sup>v</sup>	Air Compressors	1	3	80	0.48	Diesel
6140	Pipelines <sup>v</sup>	Air Compressors	1	0	115	0.48	Diesel
6140	Pipelines <sup>v</sup>	Graders	1	2	215	0.41	Diesel
6140	Pipelines <sup>v</sup>	Graders	1	1	350	0.41	Diesel
6140	Pipelines <sup>v</sup>	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
6140	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	0	211	0.36	Diesel
6140	Pipelines <sup>v</sup>	Crawler Tractors	1	3	242	0.43	Diesel
6140	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	1	501	0.36	Diesel
6140	Pipelines <sup>v</sup>	Rollers	1	1	150	0.38	Diesel
6140	Pipelines <sup>v</sup>	Crawler Tractors	1	1	310	0.43	Diesel
6140	Pipelines <sup>v</sup>	Off-Highway Trucks	1	1	452	0.38	Diesel
6140	Pipelines <sup>v</sup>	Off-Highway Trucks	1	4	650	0.38	Diesel
6140	Pipelines <sup>v</sup>	Plate Compactors	1	0	8	0.43	Diesel
6140	Pipelines <sup>v</sup>	Rollers	1	2	18	0.38	Diesel
6140	Pipelines <sup>v</sup>	Pumps	1	2	210	0.74	Diesel
6140	Pipelines <sup>v</sup>	Cranes	1	3	160	0.29	Diesel
6140	Pipelines <sup>v</sup>	Cranes	1	3	240	0.29	Diesel
6140	Pipelines <sup>v</sup>	Scrapers	1	1	500	0.48	Diesel
6140	Pipelines <sup>v</sup>	Excavators	1	0	384	0.38	Diesel
6140	Pipelines <sup>v</sup>	Excavators	1	1	908	0.38	Diesel
6140	Pipelines <sup>v</sup>	Cranes	6	20	335	0.29	Diesel
6140	Pipelines <sup>v</sup>	Cranes	1	3	335	0.29	Diesel
6140	Pipelines <sup>v</sup>	Other Construction Equipment	1	3	92	0.42	Diesel
6140	Pipelines <sup>v</sup>	Off-Highway Trucks	2	8	375	0.38	Diesel
6140	Pipelines <sup>v</sup>	Bore/Drill Rigs	1	3	206	0.50	Diesel
6150	Pipelines <sup>v</sup>	Welders	1	0	48	0.45	Diesel
6150	Pipelines <sup>v</sup>	Air Compressors	1	1	80	0.48	Diesel
6150	Pipelines <sup>v</sup>	Air Compressors	1	0	115	0.48	Diesel
6150	Pipelines <sup>v</sup>	Graders	1	2	215	0.41	Diesel
6150	Pipelines <sup>v</sup>	Graders	1	1	350	0.41	Diesel
6150	Pipelines <sup>v</sup>	Tractors/Loaders/Backhoes	1	1	87	0.37	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
6150	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	2	501	0.36	Diesel
6150	Pipelines <sup>v</sup>	Rollers	1	2	150	0.38	Diesel
6150	Pipelines <sup>v</sup>	Crawler Tractors	1	1	310	0.43	Diesel
6150	Pipelines <sup>v</sup>	Off-Highway Trucks	1	7	650	0.38	Diesel
6150	Pipelines <sup>v</sup>	Plate Compactors	1	4	8	0.43	Diesel
6150	Pipelines <sup>v</sup>	Pumps	1	5	210	0.74	Diesel
6150	Pipelines <sup>v</sup>	Cranes	1	0	160	0.29	Diesel
6150	Pipelines <sup>v</sup>	Cranes	1	2	275	0.29	Diesel
6150	Pipelines <sup>v</sup>	Scrapers	1	1	500	0.48	Diesel
6150	Pipelines <sup>v</sup>	Excavators	1	1	384	0.38	Diesel
6150	Pipelines <sup>v</sup>	Cranes	1	1	335	0.29	Diesel
6150	Pipelines <sup>v</sup>	Cranes	1	0	335	0.29	Diesel
6150	Pipelines <sup>v</sup>	Bore/Drill Rigs	1	4	206	0.50	Diesel
6160	Pipelines <sup>v</sup>	Welders	1	0	48	0.45	Diesel
6160	Pipelines <sup>v</sup>	Air Compressors	1	0	80	0.48	Diesel
6160	Pipelines <sup>v</sup>	Air Compressors	1	0	115	0.48	Diesel
6160	Pipelines <sup>v</sup>	Graders	1	2	215	0.41	Diesel
6160	Pipelines <sup>v</sup>	Graders	1	1	350	0.41	Diesel
6160	Pipelines <sup>v</sup>	Tractors/Loaders/Backhoes	1	0	87	0.37	Diesel
6160	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	0	160	0.36	Diesel
6160	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	0	250	0.36	Diesel
6160	Pipelines <sup>v</sup>	Crawler Tractors	1	1	242	0.43	Diesel
6160	Pipelines <sup>v</sup>	Rubber Tired Loaders	1	2	501	0.36	Diesel
6160	Pipelines <sup>v</sup>	Rollers	1	2	150	0.38	Diesel
6160	Pipelines <sup>v</sup>	Crawler Tractors	1	1	310	0.43	Diesel
6160	Pipelines <sup>v</sup>	Crawler Tractors	1	1	410	0.43	Diesel
6160	Pipelines <sup>v</sup>	Off-Highway Trucks	1	5	650	0.38	Diesel
6160	Pipelines <sup>v</sup>	Off-Highway Trucks	1	2	1000	0.38	Diesel
6160	Pipelines <sup>v</sup>	Plate Compactors	1	2	8	0.43	Diesel
6160	Pipelines <sup>v</sup>	Pumps	1	1	210	0.74	Diesel
6160	Pipelines <sup>v</sup>	Excavators	1	0	163	0.38	Diesel
6160	Pipelines <sup>v</sup>	Cranes	1	0	160	0.29	Diesel
6160	Pipelines <sup>v</sup>	Cranes	1	1	240	0.29	Diesel
6160	Pipelines <sup>v</sup>	Cranes	1	0	275	0.29	Diesel
6160	Pipelines <sup>v</sup>	Scrapers	1	1	500	0.48	Diesel
6160	Pipelines <sup>v</sup>	Excavators	1	1	384	0.38	Diesel
6160	Pipelines <sup>v</sup>	Excavators	1	1	908	0.38	Diesel
6160	Pipelines <sup>v</sup>	Generator Sets	1	5	12	0.74	Diesel
6160	Pipelines <sup>v</sup>	Cranes	1	1	335	0.29	Diesel
6160	Pipelines <sup>v</sup>	Cranes	1	1	335	0.29	Diesel
6160	Pipelines <sup>v</sup>	Other Construction Equipment	1	1	92	0.42	Diesel
6160	Pipelines <sup>v</sup>	Pumps	1	1	60	0.74	Diesel
6160	Pipelines <sup>v</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1085	Pump Plant <sup>b</sup>	Welders	1	1	48	0.45	Diesel
1085	Pump Plant <sup>b</sup>	Crawler Tractors	1	3	24	0.43	Diesel
1085	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	8	211	0.36	Diesel
1085	Pump Plant <sup>b</sup>	Generator Sets	1	3	713	0.74	Diesel
2605	Pump Plant <sup>b</sup>	Crawler Tractors	1	0	24	0.43	Diesel
2605	Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
2605	Pump Plant <sup>b</sup>	Excavators	1	16	523	0.38	Diesel
2605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
2605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	16	101	0.37	Diesel
2605	Pump Plant <sup>b</sup>	Off-Highway Trucks	4	16	375	0.38	Diesel
2605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	16	211	0.36	Diesel
2605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	16	160	0.36	Diesel
2605	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	70	0.43	Diesel
2605	Pump Plant <sup>b</sup>	Crawler Tractors	1	18	145	0.43	Diesel
2605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	2	145	0.36	Diesel
2605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	80	0.37	Diesel
2605	Pump Plant <sup>b</sup>	Cranes	1	16	275	0.29	Diesel
2605	Pump Plant <sup>b</sup>	Excavators	1	16	315	0.38	Diesel
2605	Pump Plant <sup>b</sup>	Pumps	1	16	60	0.74	Diesel
2605	Pump Plant <sup>b</sup>	Gas Pump	1	16	2	0.69	Gasoline
2665	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	10	375	0.38	Diesel
2670	Pump Plant <sup>b</sup>	Off-Highway Trucks	2	8	375	0.38	Diesel
2675	Pump Plant <sup>b</sup>	Off-Highway Trucks	4	10	375	0.38	Diesel
3665	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	10	375	0.38	Diesel
3670	Pump Plant <sup>b</sup>	Off-Highway Trucks	2	8	375	0.38	Diesel
3675	Pump Plant <sup>b</sup>	Off-Highway Trucks	4	10	375	0.38	Diesel
5665	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	10	375	0.38	Diesel
5670	Pump Plant <sup>b</sup>	Off-Highway Trucks	2	8	375	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Pavers	1	1	224	0.42	Diesel
2610	Pump Plant <sup>b</sup>	Rollers	1	1	110	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Rollers	1	1	131	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Crawler Tractors	1	5	24	0.43	Diesel
2610	Pump Plant <sup>b</sup>	Crushing/Proc. Equipment	1	1	85	0.78	Diesel
2610	Pump Plant <sup>b</sup>	Graders	1	1	158	0.41	Diesel
2610	Pump Plant <sup>b</sup>	Graders	1	19	215	0.41	Diesel
2610	Pump Plant <sup>b</sup>	Excavators	1	1	128	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Excavators	1	16	523	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	3	87	0.37	Diesel
2610	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	101	0.37	Diesel
2610	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	8	375	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Off-Highway Trucks	3	16	489	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Rollers	1	1	240	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Rollers	1	16	315	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	5	197	0.36	Diesel
2610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	1	211	0.36	Diesel
2610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	9	250	0.36	Diesel
2610	Pump Plant <sup>b</sup>	Rollers	1	4	150	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	70	0.43	Diesel
2610	Pump Plant <sup>b</sup>	Crawler Tractors	3	18	145	0.43	Diesel
2610	Pump Plant <sup>b</sup>	Off-Highway Trucks	7	18	650	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Plate Compactors	1	4	8	0.43	Diesel
2610	Pump Plant <sup>b</sup>	Pavers	1	1	92	0.42	Diesel
2610	Pump Plant <sup>b</sup>	Excavators	1	3	384	0.38	Diesel
2610	Pump Plant <sup>b</sup>	Generator Sets	5	16	12	0.74	Diesel
2610	Pump Plant <sup>b</sup>	Pumps	1	4	16	0.74	Diesel
2615	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
2615	Pump Plant <sup>b</sup>	Bore/Drill Rigs	2	19	210	0.50	Diesel
2615	Pump Plant <sup>b</sup>	Cranes	2	19	160	0.29	Diesel
2620	Pump Plant <sup>b</sup>	Graders	1	2	158	0.41	Diesel
2620	Pump Plant <sup>b</sup>	Rollers	1	10	150	0.38	Diesel
2620	Pump Plant <sup>b</sup>	Crawler Tractors	1	10	70	0.43	Diesel
2620	Pump Plant <sup>b</sup>	Crawler Tractors	1	10	145	0.43	Diesel
2620	Pump Plant <sup>b</sup>	Crawler Tractors	1	10	310	0.43	Diesel
2620	Pump Plant <sup>b</sup>	Off-Highway Trucks	8	10	452	0.38	Diesel
2620	Pump Plant <sup>b</sup>	Excavators	1	10	384	0.38	Diesel
2620	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	10	206	0.50	Diesel
2630	Pump Plant <sup>b</sup>	Crawler Tractors	1	8	242	0.43	Diesel
2630	Pump Plant <sup>b</sup>	Cranes	2	5	240	0.29	Diesel
2630	Pump Plant <sup>b</sup>	Cranes	2	8	335	0.29	Diesel
2630	Pump Plant <sup>b</sup>	Other Construction Equipment	1	8	92	0.42	Diesel
2635	Pump Plant <sup>b</sup>	Welders	3	8	48	0.45	Diesel
2635	Pump Plant <sup>b</sup>	Air Compressors	1	3	500	0.48	Diesel
2635	Pump Plant <sup>b</sup>	Pumps	1	2	210	0.74	Diesel
2635	Pump Plant <sup>b</sup>	Cranes	1	8	100	0.29	Diesel
2635	Pump Plant <sup>b</sup>	Cranes	1	3	375	0.29	Diesel
2635	Pump Plant <sup>b</sup>	Generator Sets	1	3	143	0.74	Diesel
2635	Pump Plant <sup>b</sup>	Generator Sets	2	8	107	0.74	Diesel
2640	Pump Plant <sup>b</sup>	Welders	1	4	48	0.45	Diesel
2640	Pump Plant <sup>b</sup>	Cranes	1	6	335	0.29	Diesel
2645	Pump Plant <sup>b</sup>	Welders	1	0	48	0.45	Diesel
2645	Pump Plant <sup>b</sup>	Air Compressors	1	5	80	0.48	Diesel
2645	Pump Plant <sup>b</sup>	Cranes	1	5	160	0.29	Diesel
2645	Pump Plant <sup>b</sup>	Cranes	1	0	335	0.29	Diesel
2645	Pump Plant <sup>b</sup>	Cranes	1	9	66	0.29	Diesel
2650	Pump Plant <sup>b</sup>	Welders	1	1	48	0.45	Diesel
2650	Pump Plant <sup>b</sup>	Air Compressors	1	1	115	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2650	Pump Plant <sup>b</sup>	Cranes	1	2	240	0.29	Diesel
2650	Pump Plant <sup>b</sup>	Cranes	1	2	275	0.29	Diesel
2650	Pump Plant <sup>b</sup>	Cranes	1	3	335	0.29	Diesel
2650	Pump Plant <sup>b</sup>	Cranes	1	0	335	0.29	Diesel
2655	Pump Plant <sup>b</sup>	Air Compressors	2	6	80	0.48	Diesel
2655	Pump Plant <sup>b</sup>	Cranes	2	6	160	0.29	Diesel
2655	Pump Plant <sup>b</sup>	Cranes	2	6	66	0.29	Diesel
2665	Pump Plant <sup>b</sup>	Cranes	2	9	335	0.29	Diesel
2670	Pump Plant <sup>b</sup>	Welders	1	7	48	0.45	Diesel
2670	Pump Plant <sup>b</sup>	Air Compressors	1	3	115	0.48	Diesel
2670	Pump Plant <sup>b</sup>	Graders	1	0	215	0.41	Diesel
2670	Pump Plant <sup>b</sup>	Graders	1	1	350	0.41	Diesel
2670	Pump Plant <sup>b</sup>	Excavators	1	1	523	0.38	Diesel
2670	Pump Plant <sup>b</sup>	Rollers	1	0	240	0.38	Diesel
2670	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	242	0.43	Diesel
2670	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
2670	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	3	650	0.38	Diesel
2670	Pump Plant <sup>b</sup>	Cranes	1	4	240	0.29	Diesel
2670	Pump Plant <sup>b</sup>	Cranes	1	5	335	0.29	Diesel
2670	Pump Plant <sup>b</sup>	Cranes	1	3	335	0.29	Diesel
2670	Pump Plant <sup>b</sup>	Gas Pump	1	5	2	0.69	Gasoline
2670	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel
2675	Pump Plant <sup>b</sup>	Welders	1	6	48	0.45	Diesel
2675	Pump Plant <sup>b</sup>	Graders	1	0	215	0.41	Diesel
2675	Pump Plant <sup>b</sup>	Graders	1	0	350	0.41	Diesel
2675	Pump Plant <sup>b</sup>	Excavators	1	0	523	0.38	Diesel
2675	Pump Plant <sup>b</sup>	Rollers	1	0	240	0.38	Diesel
2675	Pump Plant <sup>b</sup>	Crawler Tractors	1	3	242	0.43	Diesel
2675	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
2675	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	2	650	0.38	Diesel
2675	Pump Plant <sup>b</sup>	Cranes	1	4	240	0.29	Diesel
2675	Pump Plant <sup>b</sup>	Cranes	2	9	335	0.29	Diesel
2675	Pump Plant <sup>b</sup>	Cranes	1	6	335	0.29	Diesel
2675	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel
2680	Pump Plant <sup>b</sup>	Welders	2	6	48	0.45	Diesel
2680	Pump Plant <sup>b</sup>	Air Compressors	1	1	500	0.48	Diesel
2680	Pump Plant <sup>b</sup>	Crawler Tractors	1	2	242	0.43	Diesel
2680	Pump Plant <sup>b</sup>	Pumps	1	1	210	0.74	Diesel
2680	Pump Plant <sup>b</sup>	Cranes	1	3	240	0.29	Diesel
2680	Pump Plant <sup>b</sup>	Cranes	1	3	335	0.29	Diesel
2680	Pump Plant <sup>b</sup>	Generator Sets	1	1	143	0.74	Diesel
2680	Pump Plant <sup>b</sup>	Generator Sets	1	7	107	0.74	Diesel
2680	Pump Plant <sup>b</sup>	Other Construction Equipment	1	2	92	0.42	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
2685	Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
2685	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	101	0.37	Diesel
2685	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	1	489	0.38	Diesel
2685	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	1	501	0.36	Diesel
2685	Pump Plant <sup>b</sup>	Rollers	1	1	150	0.38	Diesel
2685	Pump Plant <sup>b</sup>	Cranes	1	8	275	0.29	Diesel
2685	Pump Plant <sup>b</sup>	Pumps	1	1	60	0.74	Diesel
3605	Pump Plant <sup>b</sup>	Crawler Tractors	1	0	24	0.43	Diesel
3605	Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
3605	Pump Plant <sup>b</sup>	Excavators	1	13	523	0.38	Diesel
3605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
3605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	13	101	0.37	Diesel
3605	Pump Plant <sup>b</sup>	Off-Highway Trucks	3	17	375	0.38	Diesel
3605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	13	211	0.36	Diesel
3605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	13	160	0.36	Diesel
3605	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	70	0.43	Diesel
3605	Pump Plant <sup>b</sup>	Crawler Tractors	1	15	145	0.43	Diesel
3605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	2	145	0.36	Diesel
3605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	80	0.37	Diesel
3605	Pump Plant <sup>b</sup>	Cranes	1	13	275	0.29	Diesel
3605	Pump Plant <sup>b</sup>	Excavators	1	13	315	0.38	Diesel
3605	Pump Plant <sup>b</sup>	Pumps	1	13	60	0.74	Diesel
3605	Pump Plant <sup>b</sup>	Gas Pump	1	16	2	0.69	Gasoline
3610	Pump Plant <sup>b</sup>	Pavers	1	1	224	0.42	Diesel
3610	Pump Plant <sup>b</sup>	Rollers	1	1	110	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Rollers	1	1	131	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Crawler Tractors	1	5	24	0.43	Diesel
3610	Pump Plant <sup>b</sup>	Crushing/Proc. Equipment	1	1	85	0.78	Diesel
3610	Pump Plant <sup>b</sup>	Graders	1	1	158	0.41	Diesel
3610	Pump Plant <sup>b</sup>	Graders	2	10	215	0.41	Diesel
3610	Pump Plant <sup>b</sup>	Excavators	1	1	128	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Excavators	1	17	523	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	3	87	0.37	Diesel
3610	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	101	0.37	Diesel
3610	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	7	375	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Off-Highway Trucks	3	17	489	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Rollers	1	2	240	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Rollers	1	17	315	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	5	197	0.36	Diesel
3610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	1	211	0.36	Diesel
3610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	10	250	0.36	Diesel
3610	Pump Plant <sup>b</sup>	Rollers	1	4	150	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	70	0.43	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
3610	Pump Plant <sup>b</sup>	Crawler Tractors	3	20	145	0.43	Diesel
3610	Pump Plant <sup>b</sup>	Off-Highway Trucks	7	20	650	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Plate Compactors	1	4	8	0.43	Diesel
3610	Pump Plant <sup>b</sup>	Pavers	1	1	92	0.42	Diesel
3610	Pump Plant <sup>b</sup>	Excavators	1	4	384	0.38	Diesel
3610	Pump Plant <sup>b</sup>	Generator Sets	5	18	12	0.74	Diesel
3610	Pump Plant <sup>b</sup>	Pumps	1	5	16	0.74	Diesel
3615	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	2	19	101	0.37	Diesel
3615	Pump Plant <sup>b</sup>	Bore/Drill Rigs	2	19	210	0.50	Diesel
3615	Pump Plant <sup>b</sup>	Cranes	2	19	160	0.29	Diesel
3620	Pump Plant <sup>b</sup>	Graders	1	2	158	0.41	Diesel
3620	Pump Plant <sup>b</sup>	Rollers	1	8	150	0.38	Diesel
3620	Pump Plant <sup>b</sup>	Crawler Tractors	1	8	70	0.43	Diesel
3620	Pump Plant <sup>b</sup>	Crawler Tractors	1	8	145	0.43	Diesel
3620	Pump Plant <sup>b</sup>	Crawler Tractors	1	8	310	0.43	Diesel
3620	Pump Plant <sup>b</sup>	Off-Highway Trucks	7	9	452	0.38	Diesel
3620	Pump Plant <sup>b</sup>	Excavators	1	8	384	0.38	Diesel
3620	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	10	206	0.50	Diesel
3630	Pump Plant <sup>b</sup>	Crawler Tractors	1	8	242	0.43	Diesel
3630	Pump Plant <sup>b</sup>	Cranes	2	5	240	0.29	Diesel
3630	Pump Plant <sup>b</sup>	Cranes	2	8	335	0.29	Diesel
3630	Pump Plant <sup>b</sup>	Other Construction Equipment	1	8	92	0.42	Diesel
3635	Pump Plant <sup>b</sup>	Welders	2	8	48	0.45	Diesel
3635	Pump Plant <sup>b</sup>	Air Compressors	1	3	500	0.48	Diesel
3635	Pump Plant <sup>b</sup>	Pumps	1	1	210	0.74	Diesel
3635	Pump Plant <sup>b</sup>	Cranes	1	5	100	0.29	Diesel
3635	Pump Plant <sup>b</sup>	Cranes	1	3	375	0.29	Diesel
3635	Pump Plant <sup>b</sup>	Generator Sets	1	3	143	0.74	Diesel
3635	Pump Plant <sup>b</sup>	Generator Sets	1	10	107	0.74	Diesel
3640	Pump Plant <sup>b</sup>	Welders	1	4	48	0.45	Diesel
3640	Pump Plant <sup>b</sup>	Cranes	1	6	335	0.29	Diesel
3645	Pump Plant <sup>b</sup>	Welders	1	0	48	0.45	Diesel
3645	Pump Plant <sup>b</sup>	Air Compressors	1	6	80	0.48	Diesel
3645	Pump Plant <sup>b</sup>	Cranes	1	6	160	0.29	Diesel
3645	Pump Plant <sup>b</sup>	Cranes	1	0	335	0.29	Diesel
3645	Pump Plant <sup>b</sup>	Cranes	1	10	66	0.29	Diesel
3650	Pump Plant <sup>b</sup>	Welders	1	1	48	0.45	Diesel
3650	Pump Plant <sup>b</sup>	Air Compressors	1	1	115	0.48	Diesel
3650	Pump Plant <sup>b</sup>	Cranes	1	2	240	0.29	Diesel
3650	Pump Plant <sup>b</sup>	Cranes	1	2	275	0.29	Diesel
3650	Pump Plant <sup>b</sup>	Cranes	1	5	335	0.29	Diesel
3650	Pump Plant <sup>b</sup>	Cranes	1	0	335	0.29	Diesel
3655	Pump Plant <sup>b</sup>	Air Compressors	2	6	80	0.48	Diesel



Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
3655	Pump Plant <sup>b</sup>	Cranes	2	6	160	0.29	Diesel
3655	Pump Plant <sup>b</sup>	Cranes	2	6	66	0.29	Diesel
3665	Pump Plant <sup>b</sup>	Cranes	2	9	335	0.29	Diesel
3670	Pump Plant <sup>b</sup>	Welders	1	7	48	0.45	Diesel
3670	Pump Plant <sup>b</sup>	Air Compressors	1	3	115	0.48	Diesel
3670	Pump Plant <sup>b</sup>	Graders	1	0	215	0.41	Diesel
3670	Pump Plant <sup>b</sup>	Graders	1	1	350	0.41	Diesel
3670	Pump Plant <sup>b</sup>	Excavators	1	1	523	0.38	Diesel
3670	Pump Plant <sup>b</sup>	Rollers	1	0	240	0.38	Diesel
3670	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	242	0.43	Diesel
3670	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
3670	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	3	650	0.38	Diesel
3670	Pump Plant <sup>b</sup>	Cranes	1	4	240	0.29	Diesel
3670	Pump Plant <sup>b</sup>	Cranes	1	5	335	0.29	Diesel
3670	Pump Plant <sup>b</sup>	Cranes	1	3	335	0.29	Diesel
3670	Pump Plant <sup>b</sup>	Gas Pump	1	5	2	0.69	Gasoline
3670	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel
3675	Pump Plant <sup>b</sup>	Welders	1	6	48	0.45	Diesel
3675	Pump Plant <sup>b</sup>	Graders	1	0	215	0.41	Diesel
3675	Pump Plant <sup>b</sup>	Graders	1	0	350	0.41	Diesel
3675	Pump Plant <sup>b</sup>	Excavators	1	0	523	0.38	Diesel
3675	Pump Plant <sup>b</sup>	Rollers	1	0	240	0.38	Diesel
3675	Pump Plant <sup>b</sup>	Crawler Tractors	1	3	242	0.43	Diesel
3675	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
3675	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	2	650	0.38	Diesel
3675	Pump Plant <sup>b</sup>	Cranes	1	4	240	0.29	Diesel
3675	Pump Plant <sup>b</sup>	Cranes	2	9	335	0.29	Diesel
3675	Pump Plant <sup>b</sup>	Cranes	1	6	335	0.29	Diesel
3675	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel
3680	Pump Plant <sup>b</sup>	Welders	2	6	48	0.45	Diesel
3680	Pump Plant <sup>b</sup>	Air Compressors	1	1	500	0.48	Diesel
3680	Pump Plant <sup>b</sup>	Crawler Tractors	1	1	242	0.43	Diesel
3680	Pump Plant <sup>b</sup>	Pumps	1	1	210	0.74	Diesel
3680	Pump Plant <sup>b</sup>	Cranes	1	3	240	0.29	Diesel
3680	Pump Plant <sup>b</sup>	Cranes	1	3	335	0.29	Diesel
3680	Pump Plant <sup>b</sup>	Generator Sets	1	1	143	0.74	Diesel
3680	Pump Plant <sup>b</sup>	Generator Sets	1	6	107	0.74	Diesel
3680	Pump Plant <sup>b</sup>	Other Construction Equipment	1	1	92	0.42	Diesel
3685	Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
3685	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
3685	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	1	489	0.38	Diesel
3685	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
3685	Pump Plant <sup>b</sup>	Rollers	1	0	150	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
3685	Pump Plant <sup>b</sup>	Cranes	1	6	275	0.29	Diesel
3685	Pump Plant <sup>b</sup>	Pumps	1	0	60	0.74	Diesel
5605	Pump Plant <sup>b</sup>	Crawler Tractors	1	0	24	0.43	Diesel
5605	Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
5605	Pump Plant <sup>b</sup>	Excavators	1	10	523	0.38	Diesel
5605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	87	0.37	Diesel
5605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	10	101	0.37	Diesel
5605	Pump Plant <sup>b</sup>	Off-Highway Trucks	3	14	375	0.38	Diesel
5605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	10	211	0.36	Diesel
5605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	10	160	0.36	Diesel
5605	Pump Plant <sup>b</sup>	Crawler Tractors	1	3	70	0.43	Diesel
5605	Pump Plant <sup>b</sup>	Crawler Tractors	1	12	145	0.43	Diesel
5605	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	2	145	0.36	Diesel
5605	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	80	0.37	Diesel
5605	Pump Plant <sup>b</sup>	Cranes	1	10	275	0.29	Diesel
5605	Pump Plant <sup>b</sup>	Excavators	1	10	315	0.38	Diesel
5605	Pump Plant <sup>b</sup>	Pumps	1	10	60	0.74	Diesel
5605	Pump Plant <sup>b</sup>	Gas Pump	1	13	2	0.69	Gasoline
5610	Pump Plant <sup>b</sup>	Pavers	1	1	224	0.42	Diesel
5610	Pump Plant <sup>b</sup>	Rollers	1	1	110	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Rollers	1	1	131	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Crawler Tractors	1	5	24	0.43	Diesel
5610	Pump Plant <sup>b</sup>	Crushing/Proc. Equipment	1	1	85	0.78	Diesel
5610	Pump Plant <sup>b</sup>	Graders	1	1	158	0.41	Diesel
5610	Pump Plant <sup>b</sup>	Graders	1	17	215	0.41	Diesel
5610	Pump Plant <sup>b</sup>	Excavators	1	1	128	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Excavators	1	14	523	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	3	87	0.37	Diesel
5610	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	2	101	0.37	Diesel
5610	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	7	375	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Off-Highway Trucks	3	14	489	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Rollers	1	1	240	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Rollers	1	14	315	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	5	197	0.36	Diesel
5610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	1	211	0.36	Diesel
5610	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	8	250	0.36	Diesel
5610	Pump Plant <sup>b</sup>	Rollers	1	4	150	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	70	0.43	Diesel
5610	Pump Plant <sup>b</sup>	Crawler Tractors	3	16	145	0.43	Diesel
5610	Pump Plant <sup>b</sup>	Off-Highway Trucks	6	19	650	0.38	Diesel
5610	Pump Plant <sup>b</sup>	Plate Compactors	1	4	8	0.43	Diesel
5610	Pump Plant <sup>b</sup>	Pavers	1	1	92	0.42	Diesel
5610	Pump Plant <sup>b</sup>	Excavators	1	3	384	0.38	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
5610	Pump Plant <sup>b</sup>	Generator Sets	4	18	12	0.74	Diesel
5610	Pump Plant <sup>b</sup>	Pumps	1	4	16	0.74	Diesel
5615	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	2	16	101	0.37	Diesel
5615	Pump Plant <sup>b</sup>	Bore/Drill Rigs	2	16	210	0.50	Diesel
5615	Pump Plant <sup>b</sup>	Cranes	2	16	160	0.29	Diesel
5620	Pump Plant <sup>b</sup>	Graders	1	2	158	0.41	Diesel
5620	Pump Plant <sup>b</sup>	Rollers	1	9	150	0.38	Diesel
5620	Pump Plant <sup>b</sup>	Crawler Tractors	1	9	70	0.43	Diesel
5620	Pump Plant <sup>b</sup>	Crawler Tractors	1	9	145	0.43	Diesel
5620	Pump Plant <sup>b</sup>	Crawler Tractors	1	9	310	0.43	Diesel
5620	Pump Plant <sup>b</sup>	Off-Highway Trucks	7	10	452	0.38	Diesel
5620	Pump Plant <sup>b</sup>	Excavators	1	9	384	0.38	Diesel
5620	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	10	206	0.50	Diesel
5630	Pump Plant <sup>b</sup>	Crawler Tractors	1	8	242	0.43	Diesel
5630	Pump Plant <sup>b</sup>	Cranes	2	5	240	0.29	Diesel
5630	Pump Plant <sup>b</sup>	Cranes	2	8	335	0.29	Diesel
5630	Pump Plant <sup>b</sup>	Other Construction Equipment	1	8	92	0.42	Diesel
5635	Pump Plant <sup>b</sup>	Welders	2	8	48	0.45	Diesel
5635	Pump Plant <sup>b</sup>	Air Compressors	1	3	500	0.48	Diesel
5635	Pump Plant <sup>b</sup>	Pumps	1	1	210	0.74	Diesel
5635	Pump Plant <sup>b</sup>	Cranes	1	5	100	0.29	Diesel
5635	Pump Plant <sup>b</sup>	Cranes	1	3	375	0.29	Diesel
5635	Pump Plant <sup>b</sup>	Generator Sets	1	3	143	0.74	Diesel
5635	Pump Plant <sup>b</sup>	Generator Sets	1	10	107	0.74	Diesel
5640	Pump Plant <sup>b</sup>	Welders	1	4	48	0.45	Diesel
5640	Pump Plant <sup>b</sup>	Cranes	1	6	335	0.29	Diesel
5645	Pump Plant <sup>b</sup>	Welders	1	0	48	0.45	Diesel
5645	Pump Plant <sup>b</sup>	Air Compressors	1	7	80	0.48	Diesel
5645	Pump Plant <sup>b</sup>	Cranes	1	7	160	0.29	Diesel
5645	Pump Plant <sup>b</sup>	Cranes	1	0	335	0.29	Diesel
5645	Pump Plant <sup>b</sup>	Cranes	2	6	66	0.29	Diesel
5650	Pump Plant <sup>b</sup>	Welders	1	1	48	0.45	Diesel
5650	Pump Plant <sup>b</sup>	Air Compressors	1	1	115	0.48	Diesel
5650	Pump Plant <sup>b</sup>	Cranes	1	2	240	0.29	Diesel
5650	Pump Plant <sup>b</sup>	Cranes	1	2	275	0.29	Diesel
5650	Pump Plant <sup>b</sup>	Cranes	1	5	335	0.29	Diesel
5650	Pump Plant <sup>b</sup>	Cranes	1	0	335	0.29	Diesel
5655	Pump Plant <sup>b</sup>	Air Compressors	2	6	80	0.48	Diesel
5655	Pump Plant <sup>b</sup>	Cranes	2	6	160	0.29	Diesel
5655	Pump Plant <sup>b</sup>	Cranes	2	6	66	0.29	Diesel
5665	Pump Plant <sup>b</sup>	Cranes	2	9	335	0.29	Diesel
5670	Pump Plant <sup>b</sup>	Welders	1	7	48	0.45	Diesel
5670	Pump Plant <sup>b</sup>	Air Compressors	1	3	115	0.48	Diesel

Phase	Feature	Equipment Name	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
5670	Pump Plant <sup>b</sup>	Graders	1	0	215	0.41	Diesel
5670	Pump Plant <sup>b</sup>	Graders	1	1	350	0.41	Diesel
5670	Pump Plant <sup>b</sup>	Excavators	1	1	523	0.38	Diesel
5670	Pump Plant <sup>b</sup>	Rollers	1	0	240	0.38	Diesel
5670	Pump Plant <sup>b</sup>	Crawler Tractors	1	4	242	0.43	Diesel
5670	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
5670	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	3	650	0.38	Diesel
5670	Pump Plant <sup>b</sup>	Cranes	1	4	240	0.29	Diesel
5670	Pump Plant <sup>b</sup>	Cranes	1	5	335	0.29	Diesel
5670	Pump Plant <sup>b</sup>	Cranes	1	3	335	0.29	Diesel
5670	Pump Plant <sup>b</sup>	Gas Pump	1	5	2	0.69	Gasoline
5670	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel
5675	Pump Plant <sup>b</sup>	Welders	1	6	48	0.45	Diesel
5675	Pump Plant <sup>b</sup>	Graders	1	0	215	0.41	Diesel
5675	Pump Plant <sup>b</sup>	Graders	1	0	350	0.41	Diesel
5675	Pump Plant <sup>b</sup>	Excavators	1	0	523	0.38	Diesel
5675	Pump Plant <sup>b</sup>	Rollers	1	0	240	0.38	Diesel
5675	Pump Plant <sup>b</sup>	Crawler Tractors	1	3	242	0.43	Diesel
5675	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
5675	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	2	650	0.38	Diesel
5675	Pump Plant <sup>b</sup>	Cranes	1	4	240	0.29	Diesel
5675	Pump Plant <sup>b</sup>	Cranes	2	9	335	0.29	Diesel
5675	Pump Plant <sup>b</sup>	Cranes	1	6	335	0.29	Diesel
5675	Pump Plant <sup>b</sup>	Off-Highway Trucks	4	10	375	0.38	Diesel
5675	Pump Plant <sup>b</sup>	Bore/Drill Rigs	1	2	206	0.50	Diesel
5680	Pump Plant <sup>b</sup>	Welders	1	6	48	0.45	Diesel
5680	Pump Plant <sup>b</sup>	Air Compressors	1	1	500	0.48	Diesel
5680	Pump Plant <sup>b</sup>	Crawler Tractors	1	1	242	0.43	Diesel
5680	Pump Plant <sup>b</sup>	Pumps	1	1	210	0.74	Diesel
5680	Pump Plant <sup>b</sup>	Cranes	1	1	240	0.29	Diesel
5680	Pump Plant <sup>b</sup>	Cranes	1	1	335	0.29	Diesel
5680	Pump Plant <sup>b</sup>	Generator Sets	1	1	143	0.74	Diesel
5680	Pump Plant <sup>b</sup>	Generator Sets	1	3	107	0.74	Diesel
5680	Pump Plant <sup>b</sup>	Other Construction Equipment	1	1	92	0.42	Diesel
5685	Pump Plant <sup>b</sup>	Graders	1	1	215	0.41	Diesel
5685	Pump Plant <sup>b</sup>	Tractors/Loaders/Backhoes	1	1	101	0.37	Diesel
5685	Pump Plant <sup>b</sup>	Off-Highway Trucks	1	1	489	0.38	Diesel
5685	Pump Plant <sup>b</sup>	Rubber Tired Loaders	1	0	501	0.36	Diesel
5685	Pump Plant <sup>b</sup>	Rollers	1	0	150	0.38	Diesel
5685	Pump Plant <sup>b</sup>	Cranes	1	6	275	0.29	Diesel
5685	Pump Plant <sup>b</sup>	Pumps	1	0	60	0.74	Diesel

<sup>a</sup> Geotechnical explorations would only be conducted for Alternative 4.

<sup>b</sup> Feature would only be constructed under certain alternatives.

1 **Table 22B-3. Marine Inventory**

Sch Act	Feature	EQ Desc	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
8010	Clifton Court Forebay	Boat, 16', 100 hp	1	5	100	0.45	Diesel
8012	Clifton Court Forebay	Boat, 16', 100 hp	1	5	100	0.45	Diesel
8015	Clifton Court Forebay	Boat, 16', 100 hp	1	4	100	0.45	Diesel
8025	Clifton Court Forebay	Boat, 16', 100 hp	1	8	100	0.45	Diesel
8030	Clifton Court Forebay	Boat, 16', 100 hp	1	11	100	0.45	Diesel
8040	Clifton Court Forebay	Boat, 16', 100 hp	1	6	100	0.45	Diesel
8045	Clifton Court Forebay	Boat, 16', 100 hp	1	5	100	0.45	Diesel
8090	Clifton Court Forebay	Boat, 16', 100 hp	1	8	100	0.45	Diesel
8090	Clifton Court Forebay	Boat, Push, 48', 400 hp	1	8	400	0.45	Diesel
8092	Clifton Court Forebay	Boat, 16', 100 hp	1	8	100	0.45	Diesel
8092	Clifton Court Forebay	Boat, Push, 48', 400 hp	1	8	400	0.45	Diesel
SegHauling	Segment Hauling <sup>a</sup>	Tugboat, 1000/75 HP	-	36/39	1000/75	0.5/0.31	Diesel
SegHauling	Segment Hauling <sup>a</sup>	Tugboat, 1000/75 HP	-	11/14	1000/75	0.5/0.31	Diesel
SegHauling	Segment Hauling <sup>a</sup>	Tugboat, 1000/75 HP	-	25/28	1000/75	0.5/0.31	Diesel
SegHauling	Segment Hauling <sup>a</sup>	Tugboat, 1000/75 HP	-	6/9	1000/75	0.5/0.31	Diesel
Overwater	Geotechnical Exploration <sup>a</sup>	Passenger Speed Boat	1	1	1000	0.45	Diesel
201	Intakes	Boat, 16', 100 hp	2	8	100	0.45	Diesel
207	Intakes	Boat, 16', 100 hp	2	16	100	0.45	Diesel
207	Intakes	Boat, Push, 48', 400 hp	1	3	400	0.45	Diesel
229	Intakes	Boat, 16', 100 hp	1	5	100	0.45	Diesel
229	Intakes	Boat, Push, 48', 400 hp	1	8	400	0.45	Diesel
301	Intakes	Boat, 16', 100 hp	2	8	100	0.45	Diesel
307	Intakes	Boat, 16', 100 hp	2	15	100	0.45	Diesel
307	Intakes	Boat, Push, 48', 400 hp	1	2	400	0.45	Diesel
329	Intakes	Boat, 16', 100 hp	1	6	100	0.45	Diesel
329	Intakes	Boat, Push, 48', 400 hp	1	6	400	0.45	Diesel
501	Intakes	Boat, 16', 100 hp	2	8	100	0.45	Diesel
507	Intakes	Boat, 16', 100 hp	2	11	100	0.45	Diesel
507	Intakes	Boat, Push, 48', 400 hp	1	3	400	0.45	Diesel
529	Intakes	Boat, 16', 100 hp	1	4	100	0.45	Diesel
529	Intakes	Boat, Push, 48', 400 hp	1	8	400	0.45	Diesel
7520	Reach 7/Combined Pump Plant	Boat, 16', 100 hp	5	8	100	0.45	Diesel
7522	Reach 7/Combined Pump Plant	Boat, 16', 100 hp	2	7	100	0.45	Diesel
2050	Reach 6	Boat, 16', 100 hp	1	4.2	100	0.45	Diesel
9008	Dredge <sup>b</sup>	M10xx012 Boat, 16', 100 hp	1	20	100	0.45	Diesel

<sup>a</sup> Geotechnical explorations and segment hauling would only be conducted for Alternative 4.

<sup>b</sup> Feature would only be constructed under certain alternatives.

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3 **Table 22B-4. Marine Emission Factors (grams per horsepower-hour)**

Boat	ROG	NO <sub>x</sub>	CO	PM10	PM2.5	SO <sub>x</sub>	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Model Year 2000 100 HP Engine	0.92	7.90	2.96	0.76	0.74	1.74	925.31	0.09	0.03
Model Year 2000 400 HP Engine	0.63	7.90	2.29	0.41	0.40	1.74	925.31	0.09	0.03
Model Year 2000 1000 HP Main Engine	0.55	7.30	2.09	0.34	0.33	1.74	925.31	0.09	0.03
Model Year 2000 1000 HP Auxillary Engine	0.58	7.13	3.71	0.51	0.49	1.74	925.31	0.09	0.03
Model Year 2010 100 HP Engine	0.92	5.75	4.33	0.25	0.25	1.74	925.31	0.09	0.03
Model Year 2010 400 HP Engine	0.72	5.85	4.66	0.20	0.19	1.74	925.31	0.09	0.03
Model Year 2000 1000 HP Main Engine	0.55	5.52	3.96	0.19	0.18	1.74	925.31	0.09	0.03
Model Year 2000 1000 HP Auxillary Engine	0.62	5.40	3.86	0.17	0.17	1.74	925.31	0.09	0.03

Source: California Air Resources Board. 2012. Emissions Estimation Methodology for Commercial Harbor Craft Operating in California. February.

1 **Table 22B-5. Locomotive Inventory**

Sch Act	Feature	Eq Desc	#/ day	Hrs/ day/ Eq	HP	LF	Fuel type
1280	Reach 7/Combined Pump Plant	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1880	Reach 7/Combined Pump Plant	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1890	Reach 7/Combined Pump Plant	8RAL025 25 T DSL LOCOMOTIVE	2	22	150	0.8	Diesel
2110	Reach 7/Combined Pump Plant	8RAL025 25 T DSL LOCOMOTIVE	2	22	150	0.8	Diesel
1280	Reach 4	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1880	Reach 4	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1890	Reach 4	8RAL025 25 T DSL LOCOMOTIVE	3	19	150	0.8	Diesel
2110	Reach 4	8RAL025 25 T DSL LOCOMOTIVE	3	19	150	0.8	Diesel
1280	Reach 5	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1880	Reach 5	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1890	Reach 5	8RAL025 25 T DSL LOCOMOTIVE	4	21	150	0.8	Diesel
2110	Reach 5	8RAL025 25 T DSL LOCOMOTIVE	4	21	150	0.8	Diesel
1280	Reach 6	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1880	Reach 6	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1890	Reach 6	8RAL025 25 T DSL LOCOMOTIVE	2	23	150	0.8	Diesel
2110	Reach 6	8RAL025 25 T DSL LOCOMOTIVE	2	22	150	0.8	Diesel
1280	Reaches 123	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1880	Reaches 123	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1890	Reaches 123	8RAL025 25 T DSL LOCOMOTIVE	3	22	150	0.8	Diesel
1900	Reaches 123	8RAL025 25 T DSL LOCOMOTIVE	4	18	150	0.8	Diesel
1910	Reaches 123	8RAL025 25 T DSL LOCOMOTIVE	3	17	150	0.8	Diesel
2110	Reaches 123	8RAL025 25 T DSL LOCOMOTIVE	4	22	150	0.8	Diesel

2

3 **Table 22B-6. Locomotive Emission Factors (grams per horsepower hour)**

Tier	ROG	NO <sub>x</sub>	CO	PM10	PM2.5	SO <sub>2</sub>	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Tier 1	1.05	6.90	3.70	0.40	0.39	0.00	530	0.03	0.01
Tier 4	0.15	0.30	3.70	0.01	0.01	0.00	531	0.03	0.01

Sources: California Air Resources Board. 2010. Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling: Compression-Ignition. NR-009d.

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5 **Table 22B-7. Routine Vehicle Inventory**

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
8003	Clifton Court Forebay	Pickup, 1/2T, 4wd	34	40	Gasoline
8003	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	12	104	Gasoline
8004	Clifton Court Forebay	Boom Truck, 8 Tn Boom	1	0	Diesel
8004	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	6	Gasoline
8004	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	0	Gasoline
8004	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	1	Gasoline
8004	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	1	Gasoline
8004	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	1	Diesel
8004	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	7	Diesel
8004	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	9	Diesel
8005	Clifton Court Forebay	Boom Truck, 8 Tn Boom	1	11	Diesel
8005	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	23	Gasoline
8005	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	7	Gasoline
8005	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	1	Gasoline
8005	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	2	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
8005	Clifton Court Forebay	Transit Mix Truck, 10cy	1	16	Diesel
8005	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	5	Diesel
8005	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	8	Gasoline
8006	Clifton Court Forebay	Pickup, 1/2T, 2wd	2	25	Gasoline
8007	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	2	97	Gasoline
8010	Clifton Court Forebay	Mechanics Truck	1	34	Diesel
8010	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	65	Gasoline
8010	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	15	Gasoline
8010	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	8	Gasoline
8010	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	25	Diesel
8010	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	96	Diesel
8010	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	28	Gasoline
8010	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	8	Diesel
8012	Clifton Court Forebay	Mechanics Truck	1	34	Diesel
8012	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	65	Gasoline
8012	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	15	Gasoline
8012	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	7	Gasoline
8012	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	32	Diesel
8012	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	94	Diesel
8012	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	27	Gasoline
8012	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	12	Diesel
8015	Clifton Court Forebay	Mechanics Truck	1	30	Diesel
8015	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	71	Gasoline
8015	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	13	Gasoline
8015	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	7	Gasoline
8015	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	9	Diesel
8015	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	122	Diesel
8015	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	24	Gasoline
8015	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	1	Diesel
8025	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	18	Gasoline
8025	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	1	Gasoline
8025	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	14	Diesel
8025	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	11	Gasoline
8025	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	10	Diesel
8030	Clifton Court Forebay	Mechanics Truck	1	38	Diesel
8030	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	99	Gasoline
8030	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	31	Gasoline
8030	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	8	Gasoline
8030	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	16	Diesel
8030	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	105	Diesel
8030	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	60	Gasoline
8030	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	2	Diesel
8040	Clifton Court Forebay	Mechanics Truck	1	46	Diesel
8040	Clifton Court Forebay	Pickup, 1/2T, 2wd	2	57	Gasoline
8040	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	21	Gasoline
8040	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	10	Gasoline
8040	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	18	Diesel
8040	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	128	Diesel
8040	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	37	Gasoline
8040	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	2	Diesel
8045	Clifton Court Forebay	Mechanics Truck	1	36	Diesel
8045	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	92	Gasoline
8045	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	17	Gasoline
8045	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	7	Gasoline
8045	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	15	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
8045	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	100	Diesel
8045	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	29	Gasoline
8045	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	2	Diesel
8050	Clifton Court Forebay	Boom Truck, 8 Tn Boom	1	0	Diesel
8050	Clifton Court Forebay	Pickup, 1/2T, 2wd	2	25	Gasoline
8050	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	0	Gasoline
8050	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	3	Diesel
8050	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	96	Diesel
8050	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	44	Diesel
8050	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	18	Diesel
8060	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	44	Gasoline
8060	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	1	Gasoline
8060	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	3	Diesel
8060	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	78	Diesel
8060	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	16	Diesel
8060	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	20	Diesel
8071	Clifton Court Forebay	Pickup, 3/4T, 2wd	2	47	Gasoline
8071	Clifton Court Forebay	Transit Mix Truck, 10cy	1	19	Diesel
8071	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	2	89	Diesel
8071	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	35	Diesel
8073	Clifton Court Forebay	Transit Mix Truck, 10cy	2	57	Diesel
8073	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	2	Diesel
8073	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	236	Gasoline
8073	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	9	Diesel
8075	Clifton Court Forebay	Pickup, 3/4T, 4wd	6	42	Gasoline
8077	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	92	Gasoline
8077	Clifton Court Forebay	Transit Mix Truck, 10cy	1	17	Diesel
8077	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	175	Diesel
8077	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	37	Diesel
8079	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	85	Gasoline
8079	Clifton Court Forebay	Transit Mix Truck, 10cy	1	98	Diesel
8079	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	2	Diesel
8079	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	205	Gasoline
8081	Clifton Court Forebay	Pickup, 3/4T, 4wd	6	44	Gasoline
8090	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	1	Gasoline
8090	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	15	Gasoline
8090	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	0	Gasoline
8090	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	1	Gasoline
8090	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	3	Diesel
8090	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	29	Diesel
8090	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	21	Diesel
8090	Clifton Court Forebay	Transit Mix Truck, 10cy	1	23	Diesel
8092	Clifton Court Forebay	Pickup, 1/2T, 2wd	1	5	Gasoline
8092	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	15	Gasoline
8092	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	0	Gasoline
8092	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	4	Gasoline
8092	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	17	Diesel
8092	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	54	Diesel
8092	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	24	Diesel
8092	Clifton Court Forebay	Transit Mix Truck, 10cy	1	22	Diesel
8092	Clifton Court Forebay	Boom Truck, 8 Tn Boom	1	12	Diesel
8096	Clifton Court Forebay	Pickup, 3/4T, 4wd	3	79	Gasoline
8096	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	3	220	Diesel
8096	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	3	220	Diesel
8101	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	8	Gasoline



Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
8101	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	22	Diesel
8103	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	4	Gasoline
8103	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	5	Diesel
8103	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	61	Gasoline
8103	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	10	Diesel
8103	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	6	Diesel
8111	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	5	Gasoline
8111	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	15	Diesel
8113	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	4	Gasoline
8113	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	1	Diesel
8113	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	39	Gasoline
8113	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	7	Diesel
8113	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	6	Diesel
8121	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	8	Gasoline
8121	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	22	Diesel
8123	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	4	Gasoline
8123	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	4	Diesel
8123	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	59	Gasoline
8123	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	10	Diesel
8123	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	6	Diesel
8131	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	5	Gasoline
8131	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	15	Diesel
8133	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	4	Gasoline
8133	Clifton Court Forebay	Transit Mix Truck, 10cy	1	9	Diesel
8133	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	1	Diesel
8133	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	34	Gasoline
8133	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	6	Diesel
8133	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	5	Diesel
8140	Clifton Court Forebay	Pickup, 3/4T, 2wd	1	8	Gasoline
8140	Clifton Court Forebay	Transit Mix Truck, 10cy	1	13	Diesel
8140	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	22	Diesel
8141	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	4	Gasoline
8141	Clifton Court Forebay	Transit Mix Truck, 10cy	1	17	Diesel
8141	Clifton Court Forebay	Truck, Flatbed, 10T, Hwy	1	2	Diesel
8141	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	28	Gasoline
8141	Clifton Court Forebay	Truck, Tractor, 75000#, 6 x 4	1	10	Diesel
8141	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	6	Diesel
8145	Clifton Court Forebay	Pickup, 1/2T, 4wd	1	2	Gasoline
8145	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	5	Diesel
8146	Clifton Court Forebay	Pickup, 3/4T, 4wd	1	1	Gasoline
8146	Clifton Court Forebay	Transit Mix Truck, 10cy	1	48	Diesel
8146	Clifton Court Forebay	Truck, End Dump, 10-13cy, Hwy	1	39	Diesel
8146	Clifton Court Forebay	Truck, Flatbed, 2T, Hwy	1	37	Gasoline
8146	Clifton Court Forebay	Truck, Water, 4 mgal, Hwy	1	8	Diesel
AccessRoad	Geotechnical Explorations <sup>a</sup>	Water Truck	1	40	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	Backhoe Transport Truck	1	28	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	CPT Rig Transport Truck	1	56	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	Drill Rig Transport Truck	1	56	Diesel
Onland	Geotechnical Explorations <sup>a</sup>	Drill Support Truck	5	10	Diesel
Overwater	Geotechnical Explorations <sup>a</sup>	CPT Rig Transport Truck	1	140	Diesel
Overwater	Geotechnical Explorations <sup>a</sup>	Drill Rig Transport Truck	1	140	Diesel
3	Intakes	Pickup, 3/4T, 2wd	57	40	Gasoline
3	Intakes	Truck, Flatbed, 2T, Hwy	3	109	Gasoline
4	Intakes	Boom Truck, 8 Tn Boom	2	38	Diesel
4	Intakes	Pickup, 1/2T, 2wd	4	38	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
4	Intakes	Pickup, 1/2T, 4wd	1	45	Gasoline
4	Intakes	Pickup, 3/4T, 2wd	1	1	Gasoline
4	Intakes	Pickup, 3/4T, 4wd	1	2	Gasoline
4	Intakes	Transit Mix Truck, 10cy	1	12	Diesel
4	Intakes	Truck, End Dump, 10-13cy, Hwy	1	32	Diesel
4	Intakes	Truck, Flatbed, 2T, Hwy	1	6	Gasoline
4	Intakes	Truck, Water, 4 mgal, Hwy	1	38	Diesel
6	Intakes	Boom Truck, 8 Tn Boom	1	13	Diesel
6	Intakes	Pickup, 1/2T, 2wd	1	26	Gasoline
7	Intakes	Pickup, 1/2T, 2wd	1	30	Gasoline
203	Intakes	Boom Truck, 8 Tn Boom	1	32	Diesel
203	Intakes	Pickup, 1/2T, 2wd	1	32	Gasoline
203	Intakes	Pickup, 1/2T, 4wd	2	28	Gasoline
203	Intakes	Pickup, 3/4T, 2wd	1	2	Gasoline
203	Intakes	Pickup, 3/4T, 4wd	1	4	Gasoline
203	Intakes	Transit Mix Truck, 10cy	1	17	Diesel
203	Intakes	Truck, End Dump, 10-13cy, Hwy	1	38	Diesel
203	Intakes	Truck, Flatbed, 2T, Hwy	1	8	Gasoline
203	Intakes	Truck, Tractor, 75000#, 6 x 4	1	6	Diesel
203	Intakes	Truck, Water, 4 mgal, Hwy	1	44	Diesel
205	Intakes	Boom Truck, 8 Tn Boom	1	0	Diesel
205	Intakes	Mechanics Truck	1	38	Diesel
205	Intakes	Pickup, 1/2T, 2wd	1	31	Gasoline
205	Intakes	Pickup, 1/2T, 4wd	1	6	Gasoline
205	Intakes	Pickup, 3/4T, 4wd	1	4	Gasoline
205	Intakes	Truck, End Dump, 10-13cy, Hwy	1	11	Diesel
205	Intakes	Truck, End Dump, 16-20cy, Hwy	2	107	Diesel
205	Intakes	Truck, Flatbed, 10T, Hwy	1	107	Diesel
205	Intakes	Truck, Tractor, 75000#, 6 x 4	1	26	Diesel
205	Intakes	Truck, Water, 4 mgal, Hwy	4	124	Diesel
206	Intakes	Boom Truck, 8 Tn Boom	1	7	Diesel
206	Intakes	Pickup, 3/4T, 2wd	1	38	Gasoline
206	Intakes	Pickup, 3/4T, 4wd	1	2	Gasoline
206	Intakes	Transit Mix Truck, 10cy	2	36	Diesel
206	Intakes	Truck, End Dump, 10-13cy, Hwy	1	58	Diesel
206	Intakes	Truck, Tractor, 75000#, 6 x 4	1	54	Diesel
206	Intakes	Truck, Water, 4 mgal, Hwy	1	6	Diesel
209	Intakes	Pickup, 1/2T, 2wd	4	46	Gasoline
209	Intakes	Pickup, 1/2T, 4wd	1	22	Gasoline
209	Intakes	Pickup, 3/4T, 4wd	1	12	Gasoline
209	Intakes	Truck, End Dump, 10-13cy, Hwy	3	104	Diesel
209	Intakes	Truck, Flatbed, 2T, Hwy	1	115	Gasoline
209	Intakes	Truck, Water, 4 mgal, Hwy	2	106	Diesel
211	Intakes	Boom Truck, 8 Tn Boom	1	1	Diesel
211	Intakes	Mechanics Truck	2	80	Diesel
211	Intakes	Pickup, 1/2T, 2wd	1	2	Gasoline
211	Intakes	Pickup, 1/2T, 4wd	4	96	Gasoline
211	Intakes	Truck, Flatbed, 10T, Hwy	2	225	Diesel
211	Intakes	Truck, Tractor, 75000#, 6 x 4	1	16	Diesel
213	Intakes	Pickup, 1/2T, 4wd	3	38	Gasoline
213	Intakes	Truck, Water, 4 mgal, Hwy	1	8	Diesel
215	Intakes	Boom Truck, 8 Tn Boom	1	2	Diesel
215	Intakes	Pickup, 1/2T, 2wd	1	5	Gasoline
215	Intakes	Pickup, 1/2T, 4wd	1	71	Gasoline
215	Intakes	Transit Mix Truck, 10cy	1	26	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
215	Intakes	Truck, Flatbed, 10T, Hwy	1	99	Diesel
217	Intakes	Transit Mix Truck, 10cy	8	49	Diesel
219	Intakes	Pickup, 3/4T, 2wd	12	47	Gasoline
219	Intakes	Truck, Tractor, 75000#, 6 x 4	21	135	Diesel
221	Intakes	Transit Mix Truck, 10cy	1	42	Diesel
223	Intakes	Truck, Flatbed, 10T, Hwy	1	55	Diesel
223	Intakes	Truck, Tractor, 75000#, 6 x 4	1	53	Diesel
225	Intakes	Truck, Flatbed, 10T, Hwy	1	15	Diesel
227	Intakes	Boom Truck, 8 Tn Boom	1	35	Diesel
227	Intakes	Pickup, 1/2T, 2wd	2	32	Gasoline
227	Intakes	Pickup, 3/4T, 4wd	1	1	Gasoline
227	Intakes	Transit Mix Truck, 10cy	1	1	Diesel
227	Intakes	Truck, Flatbed, 10T, Hwy	1	131	Diesel
227	Intakes	Truck, Flatbed, 2T, Hwy	2	85	Gasoline
227	Intakes	Truck, Water, 4 mgal, Hwy	1	1	Diesel
229	Intakes	Boom Truck, 8 Tn Boom	1	20	Diesel
229	Intakes	Truck, End Dump, 10-13cy, Hwy	1	56	Diesel
229	Intakes	Truck, Flatbed, 10T, Hwy	1	56	Diesel
253	Intakes	Pickup, 3/4T, 4wd	3	37	Gasoline
253	Intakes	Truck, Water, 4 mgal, Hwy	3	101	Diesel
254	Intakes	Pickup, 3/4T, 4wd	1	28	Gasoline
254	Intakes	Truck, Water, 4 mgal, Hwy	1	48	Diesel
255	Intakes	Pickup, 3/4T, 2wd	1	50	Gasoline
255	Intakes	Transit Mix Truck, 10cy	1	25	Diesel
255	Intakes	Truck, End Dump, 16-20cy, Hwy	2	114	Diesel
255	Intakes	Truck, Tractor, 75000#, 6 x 4	1	139	Diesel
255	Intakes	Truck, Water, 4 mgal, Hwy	1	57	Diesel
257	Intakes	Transit Mix Truck, 10cy	2	47	Diesel
259	Intakes	Truck, Flatbed, 10T, Hwy	3	109	Diesel
259	Intakes	Truck, Tractor, 75000#, 6 x 4	1	131	Diesel
261	Intakes	Boom Truck, 8 Tn Boom	3	36	Diesel
261	Intakes	Pickup, 1/2T, 2wd	1	39	Gasoline
261	Intakes	Truck, End Dump, 10-13cy, Hwy	1	47	Diesel
261	Intakes	Truck, Flatbed, 10T, Hwy	1	95	Diesel
261	Intakes	Truck, Flatbed, 2T, Hwy	1	108	Gasoline
303	Intakes	Boom Truck, 8 Tn Boom	1	25	Diesel
303	Intakes	Pickup, 1/2T, 2wd	1	25	Gasoline
303	Intakes	Pickup, 1/2T, 4wd	1	44	Gasoline
303	Intakes	Pickup, 3/4T, 2wd	1	2	Gasoline
303	Intakes	Pickup, 3/4T, 4wd	1	3	Gasoline
303	Intakes	Transit Mix Truck, 10cy	1	13	Diesel
303	Intakes	Truck, End Dump, 10-13cy, Hwy	1	30	Diesel
303	Intakes	Truck, Flatbed, 2T, Hwy	1	6	Gasoline
303	Intakes	Truck, Tractor, 75000#, 6 x 4	1	5	Diesel
303	Intakes	Truck, Water, 4 mgal, Hwy	1	35	Diesel
305	Intakes	Boom Truck, 8 Tn Boom	1	0	Diesel
305	Intakes	Mechanics Truck	1	44	Diesel
305	Intakes	Pickup, 1/2T, 2wd	1	41	Gasoline
305	Intakes	Pickup, 1/2T, 4wd	1	7	Gasoline
305	Intakes	Pickup, 3/4T, 4wd	1	6	Gasoline
305	Intakes	Truck, End Dump, 10-13cy, Hwy	1	14	Diesel
305	Intakes	Truck, End Dump, 16-20cy, Hwy	2	123	Diesel
305	Intakes	Truck, Flatbed, 10T, Hwy	1	123	Diesel
305	Intakes	Truck, Tractor, 75000#, 6 x 4	1	35	Diesel
305	Intakes	Truck, Water, 4 mgal, Hwy	5	113	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
306	Intakes	Boom Truck, 8 Tn Boom	1	6	Diesel
306	Intakes	Pickup, 3/4T, 2wd	1	31	Gasoline
306	Intakes	Pickup, 3/4T, 4wd	1	2	Gasoline
306	Intakes	Transit Mix Truck, 10cy	2	28	Diesel
306	Intakes	Truck, End Dump, 10-13cy, Hwy	1	46	Diesel
306	Intakes	Truck, Tractor, 75000#, 6 x 4	1	44	Diesel
306	Intakes	Truck, Water, 4 mgal, Hwy	1	6	Diesel
309	Intakes	Boom Truck, 8 Tn Boom	2	46	Diesel
309	Intakes	Pickup, 1/2T, 2wd	6	46	Gasoline
309	Intakes	Pickup, 1/2T, 4wd	1	22	Gasoline
309	Intakes	Pickup, 3/4T, 4wd	1	16	Gasoline
309	Intakes	Transit Mix Truck, 10cy	1	22	Diesel
309	Intakes	Truck, End Dump, 10-13cy, Hwy	3	104	Diesel
309	Intakes	Truck, Flatbed, 2T, Hwy	1	125	Gasoline
309	Intakes	Truck, Water, 4 mgal, Hwy	2	108	Diesel
311	Intakes	Boom Truck, 8 Tn Boom	1	0	Diesel
311	Intakes	Mechanics Truck	1	81	Diesel
311	Intakes	Pickup, 1/2T, 2wd	1	1	Gasoline
311	Intakes	Pickup, 1/2T, 4wd	2	98	Gasoline
311	Intakes	Truck, Flatbed, 10T, Hwy	1	228	Diesel
311	Intakes	Truck, Tractor, 75000#, 6 x 4	1	7	Diesel
313	Intakes	Pickup, 1/2T, 4wd	2	29	Gasoline
313	Intakes	Truck, Water, 4 mgal, Hwy	1	4	Diesel
315	Intakes	Boom Truck, 8 Tn Boom	1	5	Diesel
315	Intakes	Pickup, 1/2T, 2wd	1	10	Gasoline
315	Intakes	Pickup, 1/2T, 4wd	1	85	Gasoline
315	Intakes	Transit Mix Truck, 10cy	1	30	Diesel
315	Intakes	Truck, Flatbed, 10T, Hwy	1	119	Diesel
317	Intakes	Transit Mix Truck, 10cy	7	43	Diesel
319	Intakes	Pickup, 3/4T, 2wd	8	48	Gasoline
319	Intakes	Truck, Tractor, 75000#, 6 x 4	14	136	Diesel
321	Intakes	Transit Mix Truck, 10cy	1	39	Diesel
323	Intakes	Truck, Flatbed, 10T, Hwy	1	56	Diesel
323	Intakes	Truck, Tractor, 75000#, 6 x 4	1	54	Diesel
325	Intakes	Truck, Flatbed, 10T, Hwy	1	24	Diesel
327	Intakes	Boom Truck, 8 Tn Boom	1	40	Diesel
327	Intakes	Pickup, 1/2T, 2wd	2	28	Gasoline
327	Intakes	Pickup, 3/4T, 4wd	1	1	Gasoline
327	Intakes	Transit Mix Truck, 10cy	1	1	Diesel
327	Intakes	Truck, Flatbed, 10T, Hwy	1	117	Diesel
327	Intakes	Truck, Flatbed, 2T, Hwy	2	74	Gasoline
327	Intakes	Truck, Water, 4 mgal, Hwy	1	1	Diesel
329	Intakes	Boom Truck, 8 Tn Boom	1	20	Diesel
329	Intakes	Truck, End Dump, 10-13cy, Hwy	1	56	Diesel
329	Intakes	Truck, Flatbed, 10T, Hwy	1	56	Diesel
353	Intakes	Pickup, 3/4T, 4wd	5	42	Gasoline
353	Intakes	Truck, Water, 4 mgal, Hwy	5	115	Diesel
354	Intakes	Pickup, 3/4T, 4wd	1	28	Gasoline
354	Intakes	Truck, Water, 4 mgal, Hwy	1	48	Diesel
355	Intakes	Pickup, 3/4T, 2wd	1	50	Gasoline
355	Intakes	Transit Mix Truck, 10cy	1	25	Diesel
355	Intakes	Truck, End Dump, 16-20cy, Hwy	2	114	Diesel
355	Intakes	Truck, Tractor, 75000#, 6 x 4	1	139	Diesel
355	Intakes	Truck, Water, 4 mgal, Hwy	1	57	Diesel
357	Intakes	Transit Mix Truck, 10cy	2	47	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
359	Intakes	Truck, Flatbed, 10T, Hwy	3	109	Diesel
359	Intakes	Truck, Tractor, 75000#, 6 x 4	1	131	Diesel
361	Intakes	Boom Truck, 8 Tn Boom	6	48	Diesel
361	Intakes	Pickup, 1/2T, 2wd	3	34	Gasoline
361	Intakes	Truck, End Dump, 10-13cy, Hwy	1	124	Diesel
361	Intakes	Truck, Flatbed, 10T, Hwy	2	126	Diesel
361	Intakes	Truck, Flatbed, 2T, Hwy	3	96	Gasoline
365	Intakes	Pickup, 1/2T, 4wd	1	18	Gasoline
365	Intakes	Truck, Tractor, 75000#, 6 x 4	1	52	Diesel
365	Intakes	Truck, Water, 4 mgal, Hwy	1	18	Diesel
367	Intakes	Transit Mix Truck, 10cy	2	49	Diesel
367	Intakes	Truck, Flatbed, 10T, Hwy	1	138	Diesel
369	Intakes	Boom Truck, 8 Tn Boom	1	20	Diesel
369	Intakes	Pickup, 1/2T, 2wd	1	4	Gasoline
369	Intakes	Truck, Flatbed, 10T, Hwy	1	7	Diesel
369	Intakes	Truck, Flatbed, 2T, Hwy	1	10	Gasoline
369	Intakes	Truck, Tractor, 75000#, 6 x 4	1	60	Diesel
371	Intakes	Pickup, 1/2T, 2wd	1	39	Gasoline
371	Intakes	Pickup, 1/2T, 4wd	1	1	Gasoline
371	Intakes	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
371	Intakes	Truck, End Dump, 16-20cy, Hwy	4	130	Diesel
371	Intakes	Truck, Flatbed, 2T, Hwy	1	28	Gasoline
371	Intakes	Truck, Water, 4 mgal, Hwy	1	24	Diesel
503	Intakes	Boom Truck, 8 Tn Boom	1	32	Diesel
503	Intakes	Pickup, 1/2T, 2wd	1	32	Gasoline
503	Intakes	Pickup, 1/2T, 4wd	2	28	Gasoline
503	Intakes	Pickup, 3/4T, 2wd	1	2	Gasoline
503	Intakes	Pickup, 3/4T, 4wd	1	4	Gasoline
503	Intakes	Transit Mix Truck, 10cy	1	17	Diesel
503	Intakes	Truck, End Dump, 10-13cy, Hwy	1	38	Diesel
503	Intakes	Truck, Flatbed, 2T, Hwy	1	8	Gasoline
503	Intakes	Truck, Tractor, 75000#, 6 x 4	1	6	Diesel
503	Intakes	Truck, Water, 4 mgal, Hwy	1	44	Diesel
505	Intakes	Boom Truck, 8 Tn Boom	1	0	Diesel
505	Intakes	Mechanics Truck	1	38	Diesel
505	Intakes	Pickup, 1/2T, 2wd	1	29	Gasoline
505	Intakes	Pickup, 1/2T, 4wd	1	4	Gasoline
505	Intakes	Pickup, 3/4T, 4wd	1	3	Gasoline
505	Intakes	Truck, End Dump, 10-13cy, Hwy	1	10	Diesel
505	Intakes	Truck, End Dump, 16-20cy, Hwy	2	107	Diesel
505	Intakes	Truck, Flatbed, 10T, Hwy	1	107	Diesel
505	Intakes	Truck, Tractor, 75000#, 6 x 4	1	15	Diesel
505	Intakes	Truck, Water, 4 mgal, Hwy	4	122	Diesel
506	Intakes	Boom Truck, 8 Tn Boom	1	7	Diesel
506	Intakes	Pickup, 3/4T, 2wd	1	38	Gasoline
506	Intakes	Pickup, 3/4T, 4wd	1	2	Gasoline
506	Intakes	Transit Mix Truck, 10cy	2	36	Diesel
506	Intakes	Truck, End Dump, 10-13cy, Hwy	1	58	Diesel
506	Intakes	Truck, Tractor, 75000#, 6 x 4	1	54	Diesel
506	Intakes	Truck, Water, 4 mgal, Hwy	1	6	Diesel
509	Intakes	Pickup, 1/2T, 2wd	4	45	Gasoline
509	Intakes	Pickup, 1/2T, 4wd	1	22	Gasoline
509	Intakes	Pickup, 3/4T, 4wd	1	12	Gasoline
509	Intakes	Truck, End Dump, 10-13cy, Hwy	3	104	Diesel
509	Intakes	Truck, Flatbed, 2T, Hwy	1	115	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
509	Intakes	Truck, Water, 4 mgal, Hwy	2	105	Diesel
511	Intakes	Boom Truck, 8 Tn Boom	1	3	Diesel
511	Intakes	Mechanics Truck	2	79	Diesel
511	Intakes	Pickup, 1/2T, 2wd	1	6	Gasoline
511	Intakes	Pickup, 1/2T, 4wd	4	94	Gasoline
511	Intakes	Truck, Flatbed, 10T, Hwy	2	220	Diesel
511	Intakes	Truck, Tractor, 75000#, 6 x 4	1	55	Diesel
513	Intakes	Pickup, 1/2T, 4wd	3	39	Gasoline
513	Intakes	Truck, Water, 4 mgal, Hwy	1	9	Diesel
515	Intakes	Boom Truck, 8 Tn Boom	1	2	Diesel
515	Intakes	Pickup, 1/2T, 2wd	1	5	Gasoline
515	Intakes	Pickup, 1/2T, 4wd	1	69	Gasoline
515	Intakes	Transit Mix Truck, 10cy	1	26	Diesel
515	Intakes	Truck, Flatbed, 10T, Hwy	1	99	Diesel
517	Intakes	Transit Mix Truck, 10cy	10	48	Diesel
519	Intakes	Pickup, 3/4T, 2wd	12	47	Gasoline
519	Intakes	Truck, Tractor, 75000#, 6 x 4	21	135	Diesel
521	Intakes	Transit Mix Truck, 10cy	1	41	Diesel
523	Intakes	Truck, Flatbed, 10T, Hwy	1	55	Diesel
523	Intakes	Truck, Tractor, 75000#, 6 x 4	1	53	Diesel
525	Intakes	Truck, Flatbed, 10T, Hwy	1	15	Diesel
527	Intakes	Boom Truck, 8 Tn Boom	1	35	Diesel
527	Intakes	Pickup, 1/2T, 2wd	2	32	Gasoline
527	Intakes	Pickup, 3/4T, 4wd	1	1	Gasoline
527	Intakes	Transit Mix Truck, 10cy	1	1	Diesel
527	Intakes	Truck, Flatbed, 10T, Hwy	1	131	Diesel
527	Intakes	Truck, Flatbed, 2T, Hwy	2	85	Gasoline
527	Intakes	Truck, Water, 4 mgal, Hwy	1	1	Diesel
529	Intakes	Boom Truck, 8 Tn Boom	1	20	Diesel
529	Intakes	Truck, End Dump, 10-13cy, Hwy	1	56	Diesel
529	Intakes	Truck, Flatbed, 10T, Hwy	1	56	Diesel
553	Intakes	Pickup, 3/4T, 4wd	3	36	Gasoline
553	Intakes	Truck, Water, 4 mgal, Hwy	3	98	Diesel
554	Intakes	Pickup, 3/4T, 4wd	2	26	Gasoline
554	Intakes	Truck, Water, 4 mgal, Hwy	1	90	Diesel
555	Intakes	Pickup, 3/4T, 2wd	1	50	Gasoline
555	Intakes	Transit Mix Truck, 10cy	1	25	Diesel
555	Intakes	Truck, End Dump, 16-20cy, Hwy	2	114	Diesel
555	Intakes	Truck, Tractor, 75000#, 6 x 4	1	139	Diesel
555	Intakes	Truck, Water, 4 mgal, Hwy	1	57	Diesel
557	Intakes	Transit Mix Truck, 10cy	2	39	Diesel
559	Intakes	Truck, Flatbed, 10T, Hwy	3	109	Diesel
559	Intakes	Truck, Tractor, 75000#, 6 x 4	1	131	Diesel
561	Intakes	Boom Truck, 8 Tn Boom	3	36	Diesel
561	Intakes	Pickup, 1/2T, 2wd	1	39	Gasoline
561	Intakes	Truck, End Dump, 10-13cy, Hwy	1	47	Diesel
561	Intakes	Truck, Flatbed, 10T, Hwy	1	95	Diesel
561	Intakes	Truck, Flatbed, 2T, Hwy	1	108	Gasoline
7003	Intermediate Forebay	T50xx004 Pickup, 1/2T, 4wd	5	33	Gasoline
7004	Intermediate Forebay	T50xx001 Pickup, 1/2T, 2wd	1	29	Gasoline
7004	Intermediate Forebay	T50xx004 Pickup, 1/2T, 4wd	1	0	Gasoline
7004	Intermediate Forebay	T50xx005 Pickup, 3/4T, 4wd	1	4	Gasoline
7004	Intermediate Forebay	T50xx022 Truck, Flatbed, 10T, Hwy	1	48	Diesel
7004	Intermediate Forebay	T50xx025 Truck, Water, 4 mgal, Hwy	1	11	Diesel
7004	Intermediate Forebay	T50xx031 Truck, Tractor, 75000#, 6 x 4	1	32	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
7004	Intermediate Forebay	T50xx032 Truck, End Dump, 10-13cy, Hwy	1	2	Diesel
7004	Intermediate Forebay	TR50XXB1 Boom Truck, 8 Tn Boom	1	0	Diesel
7005	Intermediate Forebay	T50xx001 Pickup, 1/2T, 2wd	2	29	Gasoline
7005	Intermediate Forebay	T50xx002 Pickup, 3/4T, 2wd	1	2	Gasoline
7005	Intermediate Forebay	T50xx004 Pickup, 1/2T, 4wd	1	16	Gasoline
7005	Intermediate Forebay	T50xx005 Pickup, 3/4T, 4wd	1	1	Gasoline
7005	Intermediate Forebay	T50xx023 Truck, Flatbed, 2T, Hwy	1	4	Gasoline
7005	Intermediate Forebay	T50xx025 Truck, Water, 4 mgal, Hwy	1	20	Diesel
7005	Intermediate Forebay	T50xx032 Truck, End Dump, 10-13cy, Hwy	1	11	Diesel
7005	Intermediate Forebay	TR40XX03 Transit Mix Truck, 10cy	1	9	Diesel
7005	Intermediate Forebay	TR50XXB1 Boom Truck, 8 Tn Boom	1	29	Diesel
7006	Intermediate Forebay	T50xx001 Pickup, 1/2T, 2wd	1	5	Gasoline
7010	Intermediate Forebay	T50xx001 Pickup, 1/2T, 2wd	3	40	Gasoline
7010	Intermediate Forebay	T50xx004 Pickup, 1/2T, 4wd	1	10	Gasoline
7010	Intermediate Forebay	T50xx005 Pickup, 3/4T, 4wd	1	1	Gasoline
7010	Intermediate Forebay	T50xx022 Truck, Flatbed, 10T, Hwy	1	49	Diesel
7010	Intermediate Forebay	T50xx023 Truck, Flatbed, 2T, Hwy	1	14	Gasoline
7010	Intermediate Forebay	T50xx025 Truck, Water, 4 mgal, Hwy	1	3	Diesel
7010	Intermediate Forebay	T50xx032 Truck, End Dump, 10-13cy, Hwy	1	6	Diesel
7010	Intermediate Forebay	TR50XXB1 Boom Truck, 8 Tn Boom	1	3	Diesel
7010	Intermediate Forebay	TRMECH01 Mechanics Truck	1	18	Diesel
7020	Intermediate Forebay	T50xx004 Pickup, 1/2T, 4wd	1	1	Gasoline
7020	Intermediate Forebay	T50xx025 Truck, Water, 4 mgal, Hwy	1	1	Diesel
7022	Intermediate Forebay	T50xx002 Pickup, 3/4T, 2wd	1	44	Gasoline
7022	Intermediate Forebay	T50xx025 Truck, Water, 4 mgal, Hwy	1	124	Diesel
7035	Intermediate Forebay	T50xx023 Truck, Flatbed, 2T, Hwy	1	29	Gasoline
7035	Intermediate Forebay	TR40XX03 Transit Mix Truck, 10cy	2	31	Diesel
7040	Intermediate Forebay	T50xx022 Truck, Flatbed, 10T, Hwy	1	33	Diesel
7050	Intermediate Forebay	T50xx004 Pickup, 1/2T, 4wd	1	5	Gasoline
7050	Intermediate Forebay	T50xx025 Truck, Water, 4 mgal, Hwy	1	3	Diesel
7052	Intermediate Forebay	T50xx002 Pickup, 3/4T, 2wd	2	27	Gasoline
7052	Intermediate Forebay	T50xx025 Truck, Water, 4 mgal, Hwy	2	75	Diesel
7065	Intermediate Forebay	T50xx023 Truck, Flatbed, 2T, Hwy	1	17	Gasoline
7065	Intermediate Forebay	TR40XX03 Transit Mix Truck, 10cy	2	26	Diesel
7070	Intermediate Forebay	T50xx022 Truck, Flatbed, 10T, Hwy	1	36	Diesel
9999	Permeant Power	Line truck - Line Strining - 230kV	1	40	Diesel
1030	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	19	Diesel
1030	Reach 7/Combined Pump Plant	Mechanics Truck	2	82	Diesel
1030	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	38	Gasoline
1030	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	3	118	Gasoline
1030	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	230	Diesel
1030	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	13	Diesel
1040	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	2	335	Diesel
1140	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	6	Diesel
1140	Reach 7/Combined Pump Plant	Mechanics Truck	1	48	Diesel
1140	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	12	Gasoline
1140	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	78	Gasoline
1140	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	134	Diesel
1340	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	2	336	Diesel
1480	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	2	322	Diesel
1520	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	19	Diesel
1520	Reach 7/Combined Pump Plant	Mechanics Truck	2	82	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
1520	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	38	Gasoline
1520	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	3	118	Gasoline
1520	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	230	Diesel
1520	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	13	Diesel
1530	Reach 7/Combined Pump Plant	Mechanics Truck	1	102	Diesel
1530	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	78	Gasoline
1530	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	286	Diesel
1540	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	2	335	Diesel
1710	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	2	336	Diesel
1970	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	15	Diesel
1970	Reach 7/Combined Pump Plant	Mechanics Truck	1	96	Diesel
1970	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	29	Gasoline
1970	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	113	Gasoline
1970	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	268	Diesel
1980	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	1	336	Diesel
2020	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	15	Diesel
2020	Reach 7/Combined Pump Plant	Mechanics Truck	1	96	Diesel
2020	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	29	Gasoline
2020	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	113	Gasoline
2020	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	268	Diesel
2021	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	1	336	Diesel
2033	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	2	Diesel
2033	Reach 7/Combined Pump Plant	Mechanics Truck	2	102	Diesel
2033	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	5	Gasoline
2033	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	7	113	Gasoline
2033	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	2	Gasoline
2033	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	285	Diesel
2033	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	40	Diesel
2033	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	7	Diesel
2040	Reach 7/Combined Pump Plant	50 T LOWBOW W/ TRACTR HR DSL	1	116	Diesel
2040	Reach 7/Combined Pump Plant	MECHANIC TRUCK 2 T HRLY GAS	1	41	Gasoline
2040	Reach 7/Combined Pump Plant	P/UP 1/2 T 2X4 HRLY GAS NML	8	106	Gasoline
2040	Reach 7/Combined Pump Plant	BOOM TRK HRLY DIESEL	1	83	Diesel
2040	Reach 7/Combined Pump Plant	FUEL TRUCK 4000 GAL HR DSL	1	116	Diesel
2040	Reach 7/Combined Pump Plant	P/UP 1/2 T 2X4 HRLY GAS NML	8	106	Gasoline
2040	Reach 7/Combined Pump Plant	WATER TRK TO 4000 GAL HR DSL	1	116	Diesel
2043	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	6	Diesel
2043	Reach 7/Combined Pump Plant	Mechanics Truck	3	96	Diesel
2043	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	22	Gasoline
2043	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	8	117	Gasoline
2043	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	0	Gasoline
2043	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	1	Gasoline
2043	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	81	Diesel
2043	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	5	Diesel
2043	Reach 7/Combined Pump Plant	Truck, End Dump, 16-20cy, Hwy	1	141	Diesel
2043	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	3	269	Diesel
2043	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	130	Diesel
2043	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	9	Diesel
2053	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	300	Diesel
2060	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	4	41	Gasoline
2060	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	10	Gasoline
2060	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	2	124	Diesel
2060	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	130	Diesel
2063	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	98	Diesel
2070	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	3	43	Gasoline



Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2070	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	2	84	Gasoline
2070	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	42	Diesel
2073	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	267	Diesel
2073	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	15	Diesel
2083	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	300	Diesel
2090	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	2	322	Diesel
2093	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	98	Diesel
2103	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	267	Diesel
2103	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	15	Diesel
2113	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	50	Gasoline
2113	Reach 7/Combined Pump Plant	Truck, End Dump, 16-20cy, Hwy	4	115	Diesel
2113	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	127	Gasoline
2113	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	47	Diesel
2123	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	2	Diesel
2123	Reach 7/Combined Pump Plant	Mechanics Truck	2	101	Diesel
2123	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	5	Gasoline
2123	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	7	112	Gasoline
2123	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	1	Gasoline
2123	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	282	Diesel
2123	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	40	Diesel
2123	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	3	Diesel
2133	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	7	Diesel
2133	Reach 7/Combined Pump Plant	Mechanics Truck	3	96	Diesel
2133	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	30	Gasoline
2133	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	8	117	Gasoline
2133	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	1	Gasoline
2133	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	81	Diesel
2133	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	8	Diesel
2133	Reach 7/Combined Pump Plant	Truck, End Dump, 16-20cy, Hwy	1	247	Diesel
2133	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	3	269	Diesel
2133	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	27	Gasoline
2133	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	139	Diesel
2133	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	23	Diesel
2153	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	98	Diesel
2173	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	4	333	Diesel
2183	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	98	Diesel
2213	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	2	Diesel
2213	Reach 7/Combined Pump Plant	Mechanics Truck	2	97	Diesel
2213	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	5	Gasoline
2213	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	7	108	Gasoline
2213	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	3	Gasoline
2213	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2213	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	38	Diesel
2213	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	8	Diesel
2253	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	267	Diesel
2253	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	15	Diesel
2283	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	267	Diesel
2283	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	15	Diesel
2303	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	2	Diesel
2303	Reach 7/Combined Pump Plant	Mechanics Truck	2	101	Diesel
2303	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	5	Gasoline
2303	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	7	112	Gasoline
2303	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	2	Gasoline
2303	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	282	Diesel
2303	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	40	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2303	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	5	Diesel
2313	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	7	Diesel
2313	Reach 7/Combined Pump Plant	Mechanics Truck	3	84	Diesel
2313	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	29	Gasoline
2313	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	7	108	Gasoline
2313	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	1	Gasoline
2313	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	2	73	Diesel
2313	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
2313	Reach 7/Combined Pump Plant	Truck, End Dump, 16-20cy, Hwy	1	335	Diesel
2313	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	3	235	Diesel
2313	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	174	Diesel
2313	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	13	Diesel
2323	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	272	Diesel
2323	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	1	64	Diesel
2343	Reach 7/Combined Pump Plant	10 CY HWY TRK RR DMP 10 W DS	3	272	Diesel
2353	Reach 7/Combined Pump Plant	10CY CON MIX TRCK 250 HP DSL	2	66	Diesel
2363	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	2	Diesel
2363	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	1	Diesel
2363	Reach 7/Combined Pump Plant	Mechanics Truck	2	101	Diesel
2363	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	14	Gasoline
2363	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	7	112	Gasoline
2363	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	3	Gasoline
2363	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
2363	Reach 7/Combined Pump Plant	Truck, End Dump, 16-20cy, Hwy	1	233	Diesel
2363	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	282	Diesel
2363	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	66	Diesel
2363	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	22	Diesel
7507	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	28	39	Gasoline
7507	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	10	103	Gasoline
7508	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	28	40	Gasoline
7508	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	10	104	Gasoline
7510	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	1	Diesel
7510	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	3	37	Gasoline
7510	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	1	Gasoline
7510	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	12	Gasoline
7510	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	15	Gasoline
7510	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	9	Diesel
7510	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	96	Diesel
7510	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	123	Diesel
7510	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	85	Diesel
7512	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	38	Diesel
7512	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	2	38	Gasoline
7512	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	22	Gasoline
7512	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	3	Gasoline
7512	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	4	Gasoline
7512	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	26	Diesel
7512	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	15	Diesel
7512	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	12	Gasoline
7512	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	29	Diesel
7516	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	39	Gasoline
7517	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	2	61	Gasoline
7518	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	2	62	Gasoline
7530	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	99	Gasoline
7530	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	20	Gasoline
7530	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	26	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
7530	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	64	Diesel
7530	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	16	Gasoline
7530	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	3	236	Diesel
7535	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	3	48	Gasoline
7535	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	2	Gasoline
7535	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	15	Diesel
7540	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	23	Gasoline
7540	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	32	Gasoline
7540	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	5	Gasoline
7540	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	23	Diesel
7540	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	115	Gasoline
7540	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	41	Diesel
7540	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	62	Diesel
7725	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	2	50	Gasoline
7725	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	84	Diesel
7725	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	35	Diesel
7730	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	2	40	Gasoline
7730	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	33	Gasoline
7730	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	3	Diesel
7730	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	112	Diesel
7730	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	138	Diesel
7730	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	17	Diesel
7780	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	2	50	Gasoline
7780	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	84	Diesel
7780	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	35	Diesel
7785	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	2	40	Gasoline
7785	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	33	Gasoline
7785	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	3	Diesel
7785	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	2	112	Diesel
7785	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	138	Diesel
7785	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	17	Diesel
7810	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	15	Gasoline
7810	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	4	39	Diesel
7810	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	4	Diesel
7810	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	77	Diesel
7820	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	31	Gasoline
7820	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	2	46	Gasoline
7820	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	15	Gasoline
7820	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	2	128	Diesel
7820	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	22	Diesel
7830	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	31	Gasoline
7830	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	44	Diesel
7850	Reach 7/Combined Pump Plant	Truck, Flatbed, 10T, Hwy	1	138	Diesel
7915	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	2	128	Diesel
7917	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	2	128	Diesel
7920	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	4	49	Gasoline
7920	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	3	112	Gasoline
7922	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	4	49	Gasoline
7922	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	3	112	Gasoline
7925	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	40	Diesel
7925	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	40	Gasoline
7925	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	2	Gasoline
7925	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	11	Diesel
7925	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	5	Gasoline
7925	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	3	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
7930	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	2	37	Diesel
7930	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	2	37	Gasoline
7930	Reach 7/Combined Pump Plant	Pickup, 1/2T, 4wd	1	41	Gasoline
7930	Reach 7/Combined Pump Plant	Pickup, 3/4T, 2wd	1	3	Gasoline
7930	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	6	Gasoline
7930	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	33	Diesel
7930	Reach 7/Combined Pump Plant	Truck, End Dump, 10-13cy, Hwy	1	27	Diesel
7930	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	15	Gasoline
7930	Reach 7/Combined Pump Plant	Truck, Tractor, 75000#, 6 x 4	1	8	Diesel
7930	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	37	Diesel
7935	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	36	Diesel
7935	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	41	Gasoline
7935	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	4	Gasoline
7935	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	23	Diesel
7935	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	14	Gasoline
7935	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	6	Diesel
7940	Reach 7/Combined Pump Plant	Boom Truck, 8 Tn Boom	1	10	Diesel
7940	Reach 7/Combined Pump Plant	Pickup, 1/2T, 2wd	1	20	Gasoline
7940	Reach 7/Combined Pump Plant	Pickup, 3/4T, 4wd	1	5	Gasoline
7940	Reach 7/Combined Pump Plant	Transit Mix Truck, 10cy	1	34	Diesel
7940	Reach 7/Combined Pump Plant	Truck, Flatbed, 2T, Hwy	1	16	Gasoline
7940	Reach 7/Combined Pump Plant	Truck, Water, 4 mgal, Hwy	1	7	Diesel
1020	Reach 4	Boom Truck, 8 Tn Boom	1	50	Diesel
1020	Reach 4	Pickup, 1/2T, 2wd	1	3	Gasoline
1030	Reach 4	Mechanics Truck	1	50	Diesel
1030	Reach 4	Pickup, 1/2T, 4wd	1	3	Gasoline
1030	Reach 4	Transit Mix Truck, 10cy	2	2	Diesel
1030	Reach 4	Truck, Flatbed, 10T, Hwy	1	7	Diesel
1040	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	8	Diesel
1100	Reach 4	10CY CON MIX TRCK 250 HP DSL	25	2	Diesel
1140	Reach 4	Boom Truck, 8 Tn Boom	1	2	Diesel
1140	Reach 4	Mechanics Truck	3	7	Diesel
1140	Reach 4	Pickup, 1/2T, 2wd	1	2	Gasoline
1140	Reach 4	Pickup, 1/2T, 4wd	9	2	Gasoline
1140	Reach 4	Truck, Flatbed, 10T, Hwy	3	2	Diesel
1140	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	119	Diesel
1160	Reach 4	10CY CON MIX TRCK 250 HP DSL	4	45	Diesel
1170	Reach 4	Boom Truck, 8 Tn Boom	1	119	Diesel
1170	Reach 4	Pickup, 1/2T, 2wd	1	67	Gasoline
1180	Reach 4	Mechanics Truck	1	97	Diesel
1180	Reach 4	Pickup, 1/2T, 4wd	1	96	Gasoline
1180	Reach 4	Transit Mix Truck, 10cy	2	97	Diesel
1180	Reach 4	Truck, Flatbed, 10T, Hwy	1	97	Diesel
1190	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	96	Diesel
1200	Reach 4	Boom Truck, 8 Tn Boom	1	97	Diesel
1200	Reach 4	Mechanics Truck	2	97	Diesel
1200	Reach 4	Pickup, 1/2T, 2wd	1	97	Gasoline
1200	Reach 4	Pickup, 1/2T, 4wd	4	100	Gasoline
1200	Reach 4	Truck, Flatbed, 10T, Hwy	2	6	Diesel
1200	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	100	Diesel
1220	Reach 4	10CY CON MIX TRCK 250 HP DSL	4	6	Diesel
1270	Reach 4	10CY CON MIX TRCK 250 HP DSL	4	5	Diesel
1320	Reach 4	10CY CON MIX TRCK 250 HP DSL	2	20	Diesel
1330	Reach 4	10 CY HWY TRK RR DMP 10 W DS	2	21	Diesel
1330	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	42	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
1340	Reach 4	10 CY HWY TRK RR DMP 10 W DS	2	43	Diesel
1340	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	6	Diesel
2033	Reach 4	Boom Truck, 8 Tn Boom	1	18	Diesel
2033	Reach 4	Mechanics Truck	2	5	Diesel
2033	Reach 4	Pickup, 1/2T, 2wd	1	20	Gasoline
2033	Reach 4	Pickup, 1/2T, 4wd	5	5	Gasoline
2033	Reach 4	Pickup, 3/4T, 2wd	1	20	Gasoline
2033	Reach 4	Truck, Flatbed, 10T, Hwy	2	5	Diesel
2033	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	34	Diesel
2033	Reach 4	Truck, Water, 4 mgal, Hwy	1	5	Diesel
2040	Reach 4	50 T LOWBOW W/ TRACTR HR DSL	1	5	Diesel
2040	Reach 4	BOOM TRK HRLY DIESEL	1	119	Diesel
2040	Reach 4	MECHANIC TRUCK 2 T HRLY GAS	1	45	Gasoline
2040	Reach 4	P/UP 1/2 T 2X4 HRLY GAS NML	5	119	Gasoline
2043	Reach 4	Boom Truck, 8 Tn Boom	1	100	Diesel
2043	Reach 4	Mechanics Truck	3	117	Diesel
2043	Reach 4	Pickup, 1/2T, 2wd	1	105	Gasoline
2043	Reach 4	Pickup, 1/2T, 4wd	7	47	Gasoline
2043	Reach 4	Pickup, 3/4T, 4wd	1	10	Gasoline
2043	Reach 4	Transit Mix Truck, 10cy	1	117	Diesel
2043	Reach 4	Truck, End Dump, 10-13cy, Hwy	1	117	Diesel
2043	Reach 4	Truck, End Dump, 16-20cy, Hwy	1	105	Diesel
2043	Reach 4	Truck, Flatbed, 10T, Hwy	3	108	Diesel
2043	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	1	Diesel
2043	Reach 4	Truck, Water, 4 mgal, Hwy	1	117	Diesel
2050	Reach 4	Boom Truck, 8 Tn Boom	1	117	Diesel
2050	Reach 4	Pickup, 1/2T, 2wd	1	3	Gasoline
2050	Reach 4	Pickup, 1/2T, 4wd	16	1	Gasoline
2050	Reach 4	Pickup, 3/4T, 2wd	1	3	Gasoline
2050	Reach 4	Pickup, 3/4T, 4wd	1	3	Gasoline
2050	Reach 4	Transit Mix Truck, 10cy	1	2	Diesel
2050	Reach 4	Truck, End Dump, 10-13cy, Hwy	1	3	Diesel
2050	Reach 4	Truck, Flatbed, 2T, Hwy	6	3	Gasoline
2050	Reach 4	Truck, Water, 4 mgal, Hwy	1	3	Diesel
2053	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	2	Diesel
2060	Reach 4	Pickup, 1/2T, 2wd	4	1	Gasoline
2060	Reach 4	Pickup, 1/2T, 4wd	1	2	Gasoline
2060	Reach 4	Truck, End Dump, 10-13cy, Hwy	2	79	Diesel
2060	Reach 4	Truck, Water, 4 mgal, Hwy	2	79	Diesel
2063	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	81	Diesel
2070	Reach 4	Pickup, 1/2T, 2wd	3	3	Gasoline
2070	Reach 4	Truck, Flatbed, 2T, Hwy	2	81	Gasoline
2070	Reach 4	Truck, Water, 4 mgal, Hwy	1	7	Diesel
2073	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	3	Diesel
2073	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	134	Diesel
2080	Reach 4	Pickup, 1/2T, 2wd	1	7	Gasoline
2083	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	5	Diesel
2093	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	110	Diesel
2113	Reach 4	Pickup, 1/2T, 2wd	1	84	Gasoline
2113	Reach 4	Truck, End Dump, 16-20cy, Hwy	2	108	Diesel
2113	Reach 4	Truck, Flatbed, 2T, Hwy	1	110	Gasoline
2113	Reach 4	Truck, Water, 4 mgal, Hwy	1	240	Diesel
2123	Reach 4	Boom Truck, 8 Tn Boom	1	335	Diesel
2123	Reach 4	Mechanics Truck	2	125	Diesel
2123	Reach 4	Pickup, 1/2T, 2wd	1	335	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2123	Reach 4	Pickup, 1/2T, 4wd	5	187	Gasoline
2123	Reach 4	Pickup, 3/4T, 2wd	1	272	Gasoline
2123	Reach 4	Truck, Flatbed, 10T, Hwy	2	269	Diesel
2123	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	272	Diesel
2123	Reach 4	Truck, Water, 4 mgal, Hwy	1	272	Diesel
2193	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	269	Diesel
2193	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	272	Diesel
2203	Reach 4	Pickup, 1/2T, 2wd	1	272	Gasoline
2203	Reach 4	Truck, End Dump, 16-20cy, Hwy	2	272	Diesel
2203	Reach 4	Truck, Flatbed, 2T, Hwy	1	131	Gasoline
2203	Reach 4	Truck, Water, 4 mgal, Hwy	1	84	Diesel
2213	Reach 4	Boom Truck, 8 Tn Boom	1	47	Diesel
2213	Reach 4	Mechanics Truck	2	64	Diesel
2213	Reach 4	Pickup, 1/2T, 2wd	1	60	Gasoline
2213	Reach 4	Pickup, 1/2T, 4wd	5	53	Gasoline
2213	Reach 4	Pickup, 3/4T, 2wd	1	53	Gasoline
2213	Reach 4	Truck, Flatbed, 10T, Hwy	2	38	Diesel
2213	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	133	Diesel
2213	Reach 4	Truck, Water, 4 mgal, Hwy	1	38	Diesel
2233	Reach 4	Boom Truck, 8 Tn Boom	1	38	Diesel
2233	Reach 4	Mechanics Truck	3	133	Diesel
2233	Reach 4	Pickup, 1/2T, 2wd	1	38	Gasoline
2233	Reach 4	Pickup, 1/2T, 4wd	7	38	Gasoline
2233	Reach 4	Pickup, 3/4T, 4wd	1	38	Gasoline
2233	Reach 4	Transit Mix Truck, 10cy	1	10	Diesel
2233	Reach 4	Truck, End Dump, 10-13cy, Hwy	1	13	Diesel
2233	Reach 4	Truck, End Dump, 16-20cy, Hwy	1	5	Diesel
2233	Reach 4	Truck, Flatbed, 10T, Hwy	3	70	Diesel
2233	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	42	Diesel
2233	Reach 4	Truck, Water, 4 mgal, Hwy	1	17	Diesel
2243	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	10	Diesel
2253	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	21	Diesel
2263	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	10	Diesel
2273	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	13	Diesel
2283	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	6	Diesel
2283	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	35	Diesel
2293	Reach 4	10 CY HWY TRK RR DMP 10 W DS	3	10	Diesel
2293	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	10	Diesel
2303	Reach 4	Boom Truck, 8 Tn Boom	1	322	Diesel
2303	Reach 4	Mechanics Truck	2	322	Diesel
2303	Reach 4	Pickup, 1/2T, 2wd	1	176	Gasoline
2303	Reach 4	Pickup, 1/2T, 4wd	7	176	Gasoline
2303	Reach 4	Pickup, 3/4T, 2wd	1	302	Gasoline
2303	Reach 4	Truck, Flatbed, 10T, Hwy	2	274	Diesel
2303	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	302	Diesel
2303	Reach 4	Truck, Water, 4 mgal, Hwy	1	236	Diesel
2313	Reach 4	Pickup, 1/2T, 2wd	1	288	Gasoline
2313	Reach 4	Pickup, 1/2T, 4wd	1	288	Gasoline
2313	Reach 4	Pickup, 3/4T, 2wd	1	236	Gasoline
2313	Reach 4	Truck, End Dump, 10-13cy, Hwy	1	274	Diesel
2313	Reach 4	Truck, End Dump, 16-20cy, Hwy	2	312	Diesel
2313	Reach 4	Truck, Flatbed, 2T, Hwy	1	312	Gasoline
2313	Reach 4	Truck, Water, 4 mgal, Hwy	1	118	Diesel
2323	Reach 4	Boom Truck, 8 Tn Boom	1	114	Diesel
2323	Reach 4	Mechanics Truck	2	113	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2323	Reach 4	Pickup, 1/2T, 2wd	1	114	Gasoline
2323	Reach 4	Pickup, 1/2T, 4wd	5	120	Gasoline
2323	Reach 4	Pickup, 3/4T, 2wd	1	26	Gasoline
2323	Reach 4	Truck, Flatbed, 10T, Hwy	2	26	Diesel
2323	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	68	Diesel
2323	Reach 4	Truck, Water, 4 mgal, Hwy	1	18	Diesel
2333	Reach 4	10 CY HWY TRK RR DMP 10 W DS	1	68	Diesel
2333	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	27	Diesel
2343	Reach 4	Boom Truck, 8 Tn Boom	1	71	Diesel
2343	Reach 4	Mechanics Truck	2	71	Diesel
2343	Reach 4	Pickup, 1/2T, 2wd	1	27	Gasoline
2343	Reach 4	Pickup, 1/2T, 4wd	5	18	Gasoline
2343	Reach 4	Pickup, 3/4T, 2wd	1	34	Gasoline
2343	Reach 4	Truck, Flatbed, 10T, Hwy	2	34	Diesel
2343	Reach 4	Truck, Tractor, 75000#, 6 x 4	1	115	Diesel
2343	Reach 4	Truck, Water, 4 mgal, Hwy	1	82	Diesel
2353	Reach 4	10 CY HWY TRK RR DMP 10 W DS	1	41	Diesel
2353	Reach 4	10CY CON MIX TRCK 250 HP DSL	1	111	Diesel
1015	Reach 5	Boom Truck, 8 Tn Boom	1	14	Diesel
1015	Reach 5	Mechanics Truck	5	115	Diesel
1015	Reach 5	Pickup, 1/2T, 2wd	1	40	Gasoline
1015	Reach 5	Pickup, 1/2T, 4wd	15	113	Gasoline
1015	Reach 5	Pickup, 3/4T, 2wd	1	3	Gasoline
1015	Reach 5	Pickup, 3/4T, 4wd	1	3	Gasoline
1015	Reach 5	Transit Mix Truck, 10cy	3	104	Diesel
1015	Reach 5	Truck, End Dump, 10-13cy, Hwy	1	11	Diesel
1015	Reach 5	Truck, End Dump, 16-20cy, Hwy	1	297	Diesel
1015	Reach 5	Truck, Flatbed, 10T, Hwy	5	321	Diesel
1015	Reach 5	Truck, Tractor, 75000#, 6 x 4	2	181	Diesel
1015	Reach 5	Truck, Water, 4 mgal, Hwy	1	32	Diesel
1040	Reach 5	10 CY HWY TRK RR DMP 10 W DS	3	332	Diesel
1060	Reach 5	10CY CON MIX TRCK 250 HP DSL	4	113	Diesel
1100	Reach 5	10CY CON MIX TRCK 250 HP DSL	2	120	Diesel
1160	Reach 5	10CY CON MIX TRCK 250 HP DSL	4	114	Diesel
1190	Reach 5	10 CY HWY TRK RR DMP 10 W DS	3	332	Diesel
1220	Reach 5	10CY CON MIX TRCK 250 HP DSL	4	113	Diesel
1270	Reach 5	10CY CON MIX TRCK 250 HP DSL	4	114	Diesel
1290	Reach 5	10CY CON MIX TRCK 250 HP DSL	1	80	Diesel
2020	Reach 5	Pickup, 1/2T, 2wd	1	15	Gasoline
2033	Reach 5	Mechanics Truck	2	97	Diesel
2033	Reach 5	Pickup, 1/2T, 4wd	7	108	Gasoline
2033	Reach 5	Pickup, 3/4T, 2wd	1	2	Gasoline
2033	Reach 5	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2033	Reach 5	Truck, Water, 4 mgal, Hwy	1	6	Diesel
2040	Reach 5	50 T LOWBOW W/ TRACTR HR DSL	1	139	Diesel
2040	Reach 5	BOOM TRK HRLY DIESEL	1	99	Diesel
2040	Reach 5	FUEL TRUCK 4000 GAL HR DSL	1	139	Diesel
2040	Reach 5	MECHANIC TRUCK 2 T HRLY GAS	1	50	Gasoline
2040	Reach 5	P/UP 1/2 T 2X4 HRLY GAS NML	4	105	Gasoline
2040	Reach 5	WATER TRK TO 4000 GAL HR DSL	1	139	Diesel
2043	Reach 5	Boom Truck, 8 Tn Boom	1	9	Diesel
2043	Reach 5	Mechanics Truck	3	96	Diesel
2043	Reach 5	Pickup, 1/2T, 2wd	1	25	Gasoline
2043	Reach 5	Pickup, 1/2T, 4wd	8	116	Gasoline
2043	Reach 5	Pickup, 3/4T, 2wd	1	0	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2043	Reach 5	Pickup, 3/4T, 4wd	1	1	Gasoline
2043	Reach 5	Transit Mix Truck, 10cy	1	81	Diesel
2043	Reach 5	Truck, End Dump, 10-13cy, Hwy	1	3	Diesel
2043	Reach 5	Truck, End Dump, 16-20cy, Hwy	1	155	Diesel
2043	Reach 5	Truck, Flatbed, 10T, Hwy	3	269	Diesel
2043	Reach 5	Truck, Tractor, 75000#, 6 x 4	1	188	Diesel
2043	Reach 5	Truck, Water, 4 mgal, Hwy	1	8	Diesel
2050	Reach 5	Boom Truck, 8 Tn Boom	1	7	Diesel
2050	Reach 5	Pickup, 1/2T, 2wd	1	15	Gasoline
2050	Reach 5	Pickup, 1/2T, 4wd	8	119	Gasoline
2050	Reach 5	Pickup, 3/4T, 2wd	1	0	Gasoline
2050	Reach 5	Pickup, 3/4T, 4wd	1	0	Gasoline
2050	Reach 5	Transit Mix Truck, 10cy	1	3	Diesel
2050	Reach 5	Truck, End Dump, 10-13cy, Hwy	1	2	Diesel
2050	Reach 5	Truck, Flatbed, 2T, Hwy	3	332	Gasoline
2050	Reach 5	Truck, Water, 4 mgal, Hwy	1	3	Diesel
2053	Reach 5	10 CY HWY TRK RR DMP 10 W DS	3	294	Diesel
2060	Reach 5	Pickup, 1/2T, 2wd	1	115	Gasoline
2060	Reach 5	Pickup, 1/2T, 4wd	1	7	Gasoline
2060	Reach 5	Truck, End Dump, 10-13cy, Hwy	1	128	Diesel
2060	Reach 5	Truck, Water, 4 mgal, Hwy	1	69	Diesel
2063	Reach 5	10CY CON MIX TRCK 250 HP DSL	1	82	Diesel
2070	Reach 5	Pickup, 1/2T, 2wd	4	41	Gasoline
2070	Reach 5	Truck, Flatbed, 2T, Hwy	2	105	Gasoline
2070	Reach 5	Truck, Water, 4 mgal, Hwy	1	53	Diesel
2073	Reach 5	10 CY HWY TRK RR DMP 10 W DS	3	257	Diesel
2073	Reach 5	10CY CON MIX TRCK 250 HP DSL	1	19	Diesel
2083	Reach 5	10 CY HWY TRK RR DMP 10 W DS	3	294	Diesel
2103	Reach 5	10 CY HWY TRK RR DMP 10 W DS	3	257	Diesel
2103	Reach 5	10CY CON MIX TRCK 250 HP DSL	1	19	Diesel
2113	Reach 5	Pickup, 1/2T, 2wd	2	36	Gasoline
2113	Reach 5	Truck, End Dump, 16-20cy, Hwy	4	115	Diesel
2113	Reach 5	Truck, Flatbed, 2T, Hwy	2	127	Gasoline
2113	Reach 5	Truck, Water, 4 mgal, Hwy	1	79	Diesel
2213	Reach 5	Mechanics Truck	2	97	Diesel
2213	Reach 5	Pickup, 1/2T, 4wd	7	108	Gasoline
2213	Reach 5	Pickup, 3/4T, 2wd	1	2	Gasoline
2213	Reach 5	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2213	Reach 5	Truck, Water, 4 mgal, Hwy	1	6	Diesel
2223	Reach 5	Mechanics Truck	2	97	Diesel
2223	Reach 5	Pickup, 1/2T, 4wd	7	108	Gasoline
2223	Reach 5	Pickup, 3/4T, 2wd	1	2	Gasoline
2223	Reach 5	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2223	Reach 5	Truck, Water, 4 mgal, Hwy	1	6	Diesel
2243	Reach 5	10CY CON MIX TRCK 250 HP DSL	1	82	Diesel
1020	Reach 6	Boom Truck, 8 Tn Boom	1	50	Diesel
1020	Reach 6	Pickup, 1/2T, 2wd	1	100	Gasoline
1030	Reach 6	Mechanics Truck	1	119	Diesel
1030	Reach 6	Pickup, 1/2T, 4wd	2	64	Gasoline
1030	Reach 6	Transit Mix Truck, 10cy	1	98	Diesel
1030	Reach 6	Truck, Flatbed, 10T, Hwy	1	335	Diesel
1040	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	336	Diesel
1060	Reach 6	10CY CON MIX TRCK 250 HP DSL	4	113	Diesel
1090	Reach 6	Boom Truck, 8 Tn Boom	1	5	Diesel
1090	Reach 6	Mechanics Truck	2	62	Diesel



Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
1090	Reach 6	Pickup, 1/2T, 2wd	1	11	Gasoline
1090	Reach 6	Pickup, 1/2T, 4wd	3	116	Gasoline
1090	Reach 6	Pickup, 3/4T, 4wd	1	0	Gasoline
1090	Reach 6	Transit Mix Truck, 10cy	1	56	Diesel
1090	Reach 6	Truck, End Dump, 16-20cy, Hwy	1	28	Diesel
1090	Reach 6	Truck, Flatbed, 10T, Hwy	2	174	Diesel
1090	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	101	Diesel
1090	Reach 6	Truck, Water, 4 mgal, Hwy	1	2	Diesel
1100	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	120	Diesel
1140	Reach 6	Boom Truck, 8 Tn Boom	1	3	Diesel
1140	Reach 6	Mechanics Truck	3	89	Diesel
1140	Reach 6	Pickup, 1/2T, 2wd	1	6	Gasoline
1140	Reach 6	Pickup, 1/2T, 4wd	9	116	Gasoline
1140	Reach 6	Truck, Flatbed, 10T, Hwy	3	250	Diesel
1140	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	53	Diesel
1150	Reach 6	10 CY HWY TRK RR DMP 10 W DS	2	195	Diesel
1150	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	45	Diesel
1160	Reach 6	10CY CON MIX TRCK 250 HP DSL	4	120	Diesel
1170	Reach 6	Boom Truck, 8 Tn Boom	1	50	Diesel
1170	Reach 6	Pickup, 1/2T, 2wd	1	100	Gasoline
1180	Reach 6	Mechanics Truck	1	119	Diesel
1180	Reach 6	Pickup, 1/2T, 4wd	2	64	Gasoline
1180	Reach 6	Transit Mix Truck, 10cy	1	98	Diesel
1180	Reach 6	Truck, Flatbed, 10T, Hwy	1	335	Diesel
1190	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	336	Diesel
1200	Reach 6	Boom Truck, 8 Tn Boom	1	3	Diesel
1200	Reach 6	Mechanics Truck	3	89	Diesel
1200	Reach 6	Pickup, 1/2T, 2wd	1	6	Gasoline
1200	Reach 6	Pickup, 1/2T, 4wd	9	116	Gasoline
1200	Reach 6	Truck, Flatbed, 10T, Hwy	3	250	Diesel
1200	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	53	Diesel
1220	Reach 6	10CY CON MIX TRCK 250 HP DSL	4	113	Diesel
1270	Reach 6	10CY CON MIX TRCK 250 HP DSL	4	120	Diesel
1320	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	16	Diesel
1330	Reach 6	Boom Truck, 8 Tn Boom	1	5	Diesel
1330	Reach 6	Mechanics Truck	2	62	Diesel
1330	Reach 6	Pickup, 1/2T, 2wd	1	11	Gasoline
1330	Reach 6	Pickup, 1/2T, 4wd	3	116	Gasoline
1330	Reach 6	Pickup, 3/4T, 4wd	1	0	Gasoline
1330	Reach 6	Transit Mix Truck, 10cy	1	56	Diesel
1330	Reach 6	Truck, End Dump, 16-20cy, Hwy	1	28	Diesel
1330	Reach 6	Truck, Flatbed, 10T, Hwy	2	174	Diesel
1330	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	101	Diesel
1330	Reach 6	Truck, Water, 4 mgal, Hwy	1	2	Diesel
1340	Reach 6	10 CY HWY TRK RR DMP 10 W DS	2	258	Diesel
1340	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	12	Diesel
1350	Reach 6	10 CY HWY TRK RR DMP 10 W DS	2	195	Diesel
1350	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	45	Diesel
1360	Reach 6	10 CY HWY TRK RR DMP 10 W DS	2	240	Diesel
1360	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	11	Diesel
1400	Reach 6	10 CY HWY TRK RR DMP 10 W DS	1	171	Diesel
1400	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	72	Diesel
1410	Reach 6	10 CY HWY TRK RR DMP 10 W DS	1	171	Diesel
1410	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	72	Diesel
1450	Reach 6	Pickup, 1/2T, 2wd	1	48	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
1450	Reach 6	Pickup, 1/2T, 4wd	1	1	Gasoline
1450	Reach 6	Pickup, 3/4T, 2wd	1	7	Gasoline
1450	Reach 6	Truck, End Dump, 10-13cy, Hwy	1	8	Diesel
1450	Reach 6	Truck, End Dump, 16-20cy, Hwy	6	117	Diesel
1450	Reach 6	Truck, Flatbed, 2T, Hwy	1	78	Gasoline
1450	Reach 6	Truck, Water, 4 mgal, Hwy	1	56	Diesel
1460	Reach 6	Pickup, 1/2T, 2wd	1	44	Gasoline
1460	Reach 6	Pickup, 1/2T, 4wd	1	1	Gasoline
1460	Reach 6	Pickup, 3/4T, 2wd	1	7	Gasoline
1460	Reach 6	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
1460	Reach 6	Truck, End Dump, 16-20cy, Hwy	5	135	Diesel
1460	Reach 6	Truck, Flatbed, 2T, Hwy	1	62	Gasoline
1460	Reach 6	Truck, Water, 4 mgal, Hwy	1	51	Diesel
2033	Reach 6	Boom Truck, 8 Tn Boom	1	2	Diesel
2033	Reach 6	Mechanics Truck	2	97	Diesel
2033	Reach 6	Pickup, 1/2T, 2wd	1	5	Gasoline
2033	Reach 6	Pickup, 1/2T, 4wd	7	108	Gasoline
2033	Reach 6	Pickup, 3/4T, 2wd	1	2	Gasoline
2033	Reach 6	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2033	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	38	Diesel
2033	Reach 6	Truck, Water, 4 mgal, Hwy	1	6	Diesel
2040	Reach 6	50 T LOWBOW W/ TRACTR HR DSL	1	115	Diesel
2040	Reach 6	BOOM TRK HRLY DIESEL	1	82	Diesel
2040	Reach 6	FUEL TRUCK 4000 GAL HR DSL	1	115	Diesel
2040	Reach 6	MECHANIC TRUCK 2 T HRLY GAS	1	41	Gasoline
2040	Reach 6	P/UP 1/2 T 2X4 HRLY GAS NML	6	106	Gasoline
2040	Reach 6	P/UP 1/2 T 2X4 HRLY GAS NML	6	106	Gasoline
2040	Reach 6	WATER TRK TO 4000 GAL HR DSL	1	115	Diesel
2043	Reach 6	Boom Truck, 8 Tn Boom	1	9	Diesel
2043	Reach 6	Mechanics Truck	3	96	Diesel
2043	Reach 6	Pickup, 1/2T, 2wd	1	25	Gasoline
2043	Reach 6	Pickup, 1/2T, 4wd	8	116	Gasoline
2043	Reach 6	Pickup, 3/4T, 2wd	1	0	Gasoline
2043	Reach 6	Pickup, 3/4T, 4wd	1	1	Gasoline
2043	Reach 6	Transit Mix Truck, 10cy	1	81	Diesel
2043	Reach 6	Truck, End Dump, 10-13cy, Hwy	1	3	Diesel
2043	Reach 6	Truck, End Dump, 16-20cy, Hwy	1	83	Diesel
2043	Reach 6	Truck, Flatbed, 10T, Hwy	3	269	Diesel
2043	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	188	Diesel
2043	Reach 6	Truck, Water, 4 mgal, Hwy	1	8	Diesel
2050	Reach 6	Boom Truck, 8 Tn Boom	1	8	Diesel
2050	Reach 6	Pickup, 1/2T, 2wd	1	32	Gasoline
2050	Reach 6	Pickup, 1/2T, 4wd	10	115	Gasoline
2050	Reach 6	Pickup, 3/4T, 2wd	1	3	Gasoline
2050	Reach 6	Pickup, 3/4T, 4wd	1	3	Gasoline
2050	Reach 6	Transit Mix Truck, 10cy	1	3	Diesel
2050	Reach 6	Truck, End Dump, 10-13cy, Hwy	1	8	Diesel
2050	Reach 6	Truck, Flatbed, 10T, Hwy	1	22	Diesel
2050	Reach 6	Truck, Flatbed, 2T, Hwy	4	299	Gasoline
2050	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	20	Diesel
2050	Reach 6	Truck, Water, 4 mgal, Hwy	1	18	Diesel
2053	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	301	Diesel
2060	Reach 6	Pickup, 1/2T, 2wd	2	82	Gasoline
2060	Reach 6	Pickup, 1/2T, 4wd	1	10	Gasoline
2060	Reach 6	Truck, End Dump, 10-13cy, Hwy	1	247	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2060	Reach 6	Truck, Water, 4 mgal, Hwy	1	130	Diesel
2063	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	80	Diesel
2070	Reach 6	Pickup, 1/2T, 2wd	3	43	Gasoline
2070	Reach 6	Truck, Flatbed, 2T, Hwy	2	84	Gasoline
2070	Reach 6	Truck, Water, 4 mgal, Hwy	1	42	Diesel
2073	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	249	Diesel
2073	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	18	Diesel
2080	Reach 6	Pickup, 1/2T, 2wd	1	27	Gasoline
2083	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	301	Diesel
2093	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	80	Diesel
2103	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	249	Diesel
2103	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	18	Diesel
2113	Reach 6	Pickup, 1/2T, 2wd	1	50	Gasoline
2113	Reach 6	Truck, End Dump, 16-20cy, Hwy	4	115	Diesel
2113	Reach 6	Truck, Flatbed, 2T, Hwy	1	127	Gasoline
2113	Reach 6	Truck, Water, 4 mgal, Hwy	1	47	Diesel
2123	Reach 6	Boom Truck, 8 Tn Boom	1	2	Diesel
2123	Reach 6	Mechanics Truck	2	97	Diesel
2123	Reach 6	Pickup, 1/2T, 2wd	1	5	Gasoline
2123	Reach 6	Pickup, 1/2T, 4wd	7	108	Gasoline
2123	Reach 6	Pickup, 3/4T, 2wd	1	1	Gasoline
2123	Reach 6	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2123	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	38	Diesel
2123	Reach 6	Truck, Water, 4 mgal, Hwy	1	3	Diesel
2133	Reach 6	Boom Truck, 8 Tn Boom	1	9	Diesel
2133	Reach 6	Mechanics Truck	3	96	Diesel
2133	Reach 6	Pickup, 1/2T, 2wd	1	29	Gasoline
2133	Reach 6	Pickup, 1/2T, 4wd	8	116	Gasoline
2133	Reach 6	Pickup, 3/4T, 4wd	1	2	Gasoline
2133	Reach 6	Transit Mix Truck, 10cy	1	81	Diesel
2133	Reach 6	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
2133	Reach 6	Truck, End Dump, 16-20cy, Hwy	1	211	Diesel
2133	Reach 6	Truck, Flatbed, 10T, Hwy	3	269	Diesel
2133	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	202	Diesel
2133	Reach 6	Truck, Water, 4 mgal, Hwy	1	20	Diesel
2143	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	301	Diesel
2143	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	105	Diesel
2163	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	249	Diesel
2163	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	18	Diesel
2173	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	301	Diesel
2183	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	80	Diesel
2193	Reach 6	10 CY HWY TRK RR DMP 10 W DS	3	249	Diesel
2193	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	18	Diesel
2203	Reach 6	Pickup, 1/2T, 2wd	1	50	Gasoline
2203	Reach 6	Truck, End Dump, 16-20cy, Hwy	5	137	Diesel
2203	Reach 6	Truck, Flatbed, 2T, Hwy	1	127	Gasoline
2203	Reach 6	Truck, Water, 4 mgal, Hwy	1	47	Diesel
2213	Reach 6	Boom Truck, 8 Tn Boom	1	2	Diesel
2213	Reach 6	Mechanics Truck	2	97	Diesel
2213	Reach 6	Pickup, 1/2T, 2wd	1	5	Gasoline
2213	Reach 6	Pickup, 1/2T, 4wd	7	108	Gasoline
2213	Reach 6	Pickup, 3/4T, 2wd	1	3	Gasoline
2213	Reach 6	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2213	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	38	Diesel
2213	Reach 6	Truck, Water, 4 mgal, Hwy	1	8	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2233	Reach 6	Boom Truck, 8 Tn Boom	1	2	Diesel
2233	Reach 6	Mechanics Truck	2	97	Diesel
2233	Reach 6	Pickup, 1/2T, 2wd	1	5	Gasoline
2233	Reach 6	Pickup, 1/2T, 4wd	7	108	Gasoline
2233	Reach 6	Pickup, 3/4T, 2wd	1	3	Gasoline
2233	Reach 6	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2233	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	38	Diesel
2233	Reach 6	Truck, Water, 4 mgal, Hwy	1	8	Diesel
2303	Reach 6	Boom Truck, 8 Tn Boom	1	2	Diesel
2303	Reach 6	Mechanics Truck	2	97	Diesel
2303	Reach 6	Pickup, 1/2T, 2wd	1	5	Gasoline
2303	Reach 6	Pickup, 1/2T, 4wd	7	108	Gasoline
2303	Reach 6	Pickup, 3/4T, 2wd	1	2	Gasoline
2303	Reach 6	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2303	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	38	Diesel
2303	Reach 6	Truck, Water, 4 mgal, Hwy	1	5	Diesel
2313	Reach 6	Pickup, 1/2T, 2wd	1	28	Gasoline
2313	Reach 6	Pickup, 1/2T, 4wd	1	0	Gasoline
2313	Reach 6	Pickup, 3/4T, 2wd	1	3	Gasoline
2313	Reach 6	Truck, End Dump, 10-13cy, Hwy	1	4	Diesel
2313	Reach 6	Truck, End Dump, 16-20cy, Hwy	2	181	Diesel
2313	Reach 6	Truck, Flatbed, 2T, Hwy	1	60	Gasoline
2313	Reach 6	Truck, Water, 4 mgal, Hwy	1	32	Diesel
2323	Reach 6	Boom Truck, 8 Tn Boom	1	2	Diesel
2323	Reach 6	Mechanics Truck	2	97	Diesel
2323	Reach 6	Pickup, 1/2T, 2wd	1	5	Gasoline
2323	Reach 6	Pickup, 1/2T, 4wd	7	108	Gasoline
2323	Reach 6	Pickup, 3/4T, 2wd	1	2	Gasoline
2323	Reach 6	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2323	Reach 6	Truck, Tractor, 75000#, 6 x 4	1	38	Diesel
2323	Reach 6	Truck, Water, 4 mgal, Hwy	1	5	Diesel
2333	Reach 6	10 CY HWY TRK RR DMP 10 W DS	1	171	Diesel
2333	Reach 6	10 CY HWY TRK RR DMP 10 W DS	1	171	Diesel
2333	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	72	Diesel
2333	Reach 6	10CY CON MIX TRCK 250 HP DSL	1	72	Diesel
1020	Reaches 123	Boom Truck, 8 Tn Boom	1	50	Diesel
1020	Reaches 123	Pickup, 1/2T, 2wd	1	100	Gasoline
1030	Reaches 123	Mechanics Truck	1	119	Diesel
1030	Reaches 123	Pickup, 1/2T, 4wd	1	119	Gasoline
1030	Reaches 123	Transit Mix Truck, 10cy	2	79	Diesel
1030	Reaches 123	Truck, Flatbed, 10T, Hwy	1	335	Diesel
1040	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	3	322	Diesel
1060	Reaches 123	10CY CON MIX TRCK 250 HP DSL	4	113	Diesel
1100	Reaches 123	10CY CON MIX TRCK 250 HP DSL	2	120	Diesel
1140	Reaches 123	Boom Truck, 8 Tn Boom	1	3	Diesel
1140	Reaches 123	Mechanics Truck	1	120	Diesel
1140	Reaches 123	Pickup, 1/2T, 2wd	1	6	Gasoline
1140	Reaches 123	Pickup, 1/2T, 4wd	4	100	Gasoline
1140	Reaches 123	Truck, Flatbed, 10T, Hwy	1	336	Diesel
1140	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	53	Diesel
1160	Reaches 123	10CY CON MIX TRCK 250 HP DSL	4	114	Diesel
1170	Reaches 123	Boom Truck, 8 Tn Boom	1	50	Diesel
1170	Reaches 123	Pickup, 1/2T, 2wd	1	100	Gasoline
1180	Reaches 123	Mechanics Truck	1	119	Diesel
1180	Reaches 123	Pickup, 1/2T, 4wd	1	119	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
1180	Reaches 123	Transit Mix Truck, 10cy	2	79	Diesel
1180	Reaches 123	Truck, Flatbed, 10T, Hwy	1	335	Diesel
1190	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	3	322	Diesel
1200	Reaches 123	Boom Truck, 8 Tn Boom	1	3	Diesel
1200	Reaches 123	Mechanics Truck	1	82	Diesel
1200	Reaches 123	Pickup, 1/2T, 2wd	1	6	Gasoline
1200	Reaches 123	Pickup, 1/2T, 4wd	3	91	Gasoline
1200	Reaches 123	Truck, Flatbed, 10T, Hwy	1	230	Diesel
1200	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	36	Diesel
1220	Reaches 123	10CY CON MIX TRCK 250 HP DSL	4	113	Diesel
1270	Reaches 123	10CY CON MIX TRCK 250 HP DSL	4	114	Diesel
1320	Reaches 123	10CY CON MIX TRCK 250 HP DSL	2	120	Diesel
1330	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	2	176	Diesel
1330	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	26	Diesel
1340	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	2	204	Diesel
1340	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	26	Diesel
2033	Reaches 123	Boom Truck, 8 Tn Boom	1	5	Diesel
2033	Reaches 123	Mechanics Truck	2	97	Diesel
2033	Reaches 123	Pickup, 1/2T, 2wd	1	9	Gasoline
2033	Reaches 123	Pickup, 1/2T, 4wd	5	117	Gasoline
2033	Reaches 123	Pickup, 3/4T, 2wd	1	3	Gasoline
2033	Reaches 123	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2033	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	76	Diesel
2033	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2040	Reaches 123	BOOM TRK HRLY DIESEL	1	82	Diesel
2040	Reaches 123	FUEL TRUCK 4000 GAL HR DSL	1	115	Diesel
2040	Reaches 123	MECHANIC TRUCK 2 T HRLY GAS	1	41	Gasoline
2040	Reaches 123	P/UP 1/2 T 2X4 HRLY GAS NML	7	115	Gasoline
2040	Reaches 123	50 T LOWBOW W/ TRACTR HR DSL	1	115	Diesel
2040	Reaches 123	WATER TRK TO 4000 GAL HR DSL	1	115	Diesel
2043	Reaches 123	Boom Truck, 8 Tn Boom	1	13	Diesel
2043	Reaches 123	Mechanics Truck	3	99	Diesel
2043	Reaches 123	Pickup, 1/2T, 2wd	1	33	Gasoline
2043	Reaches 123	Pickup, 1/2T, 4wd	7	106	Gasoline
2043	Reaches 123	Pickup, 3/4T, 2wd	1	1	Gasoline
2043	Reaches 123	Pickup, 3/4T, 4wd	1	0	Gasoline
2043	Reaches 123	Transit Mix Truck, 10cy	1	90	Diesel
2043	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
2043	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	87	Diesel
2043	Reaches 123	Truck, Flatbed, 10T, Hwy	3	278	Diesel
2043	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	262	Diesel
2043	Reaches 123	Truck, Water, 4 mgal, Hwy	1	13	Diesel
2050	Reaches 123	Boom Truck, 8 Tn Boom	1	8	Diesel
2050	Reaches 123	Pickup, 1/2T, 2wd	1	21	Gasoline
2050	Reaches 123	Pickup, 1/2T, 4wd	7	109	Gasoline
2050	Reaches 123	Pickup, 3/4T, 2wd	1	1	Gasoline
2050	Reaches 123	Pickup, 3/4T, 4wd	1	1	Gasoline
2050	Reaches 123	Transit Mix Truck, 10cy	1	3	Diesel
2050	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	3	Diesel
2050	Reaches 123	Truck, Flatbed, 2T, Hwy	3	265	Gasoline
2050	Reaches 123	Truck, Water, 4 mgal, Hwy	1	5	Diesel
2053	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	3	302	Diesel
2060	Reaches 123	Pickup, 1/2T, 2wd	2	83	Gasoline
2060	Reaches 123	Pickup, 1/2T, 4wd	1	10	Gasoline
2060	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	268	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2060	Reaches 123	Truck, Water, 4 mgal, Hwy	1	141	Diesel
2063	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	71	Diesel
2070	Reaches 123	Pickup, 1/2T, 2wd	3	43	Gasoline
2070	Reaches 123	Truck, Flatbed, 2T, Hwy	2	84	Gasoline
2070	Reaches 123	Truck, Water, 4 mgal, Hwy	1	42	Diesel
2073	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	18	Diesel
2080	Reaches 123	Pickup, 1/2T, 2wd	1	32	Gasoline
2083	Reaches 123	Boom Truck, 8 Tn Boom	1	11	Diesel
2083	Reaches 123	Mechanics Truck	2	98	Diesel
2083	Reaches 123	Pickup, 1/2T, 2wd	1	29	Gasoline
2083	Reaches 123	Pickup, 1/2T, 4wd	5	106	Gasoline
2083	Reaches 123	Pickup, 3/4T, 2wd	1	1	Gasoline
2083	Reaches 123	Pickup, 3/4T, 4wd	1	0	Gasoline
2083	Reaches 123	Transit Mix Truck, 10cy	1	90	Diesel
2083	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
2083	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	87	Diesel
2083	Reaches 123	Truck, Flatbed, 10T, Hwy	2	274	Diesel
2083	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	294	Diesel
2083	Reaches 123	Truck, Water, 4 mgal, Hwy	1	13	Diesel
2093	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	2	318	Diesel
2113	Reaches 123	Pickup, 1/2T, 2wd	1	18	Gasoline
2113	Reaches 123	Truck, End Dump, 16-20cy, Hwy	2	84	Diesel
2113	Reaches 123	Truck, Flatbed, 2T, Hwy	1	47	Gasoline
2113	Reaches 123	Truck, Water, 4 mgal, Hwy	1	17	Diesel
2123	Reaches 123	Boom Truck, 8 Tn Boom	1	5	Diesel
2123	Reaches 123	Mechanics Truck	2	97	Diesel
2123	Reaches 123	Pickup, 1/2T, 2wd	1	9	Gasoline
2123	Reaches 123	Pickup, 1/2T, 4wd	5	117	Gasoline
2123	Reaches 123	Pickup, 3/4T, 2wd	1	3	Gasoline
2123	Reaches 123	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2123	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	76	Diesel
2123	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2133	Reaches 123	Boom Truck, 8 Tn Boom	1	13	Diesel
2133	Reaches 123	Mechanics Truck	3	101	Diesel
2133	Reaches 123	Pickup, 1/2T, 2wd	1	35	Gasoline
2133	Reaches 123	Pickup, 1/2T, 4wd	7	107	Gasoline
2133	Reaches 123	Pickup, 3/4T, 4wd	1	1	Gasoline
2133	Reaches 123	Transit Mix Truck, 10cy	1	106	Diesel
2133	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	9	Diesel
2133	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	149	Diesel
2133	Reaches 123	Truck, Flatbed, 10T, Hwy	3	282	Diesel
2133	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	321	Diesel
2133	Reaches 123	Truck, Water, 4 mgal, Hwy	1	13	Diesel
2153	Reaches 123	10CY CON MIX TRCK 250 HP DSL	2	78	Diesel
2193	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	3	274	Diesel
2203	Reaches 123	Pickup, 1/2T, 2wd	1	15	Gasoline
2203	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	112	Diesel
2203	Reaches 123	Truck, Flatbed, 2T, Hwy	1	47	Gasoline
2203	Reaches 123	Truck, Water, 4 mgal, Hwy	1	15	Diesel
2213	Reaches 123	Boom Truck, 8 Tn Boom	1	5	Diesel
2213	Reaches 123	Mechanics Truck	2	97	Diesel
2213	Reaches 123	Pickup, 1/2T, 2wd	1	9	Gasoline
2213	Reaches 123	Pickup, 1/2T, 4wd	5	117	Gasoline
2213	Reaches 123	Pickup, 3/4T, 2wd	1	3	Gasoline
2213	Reaches 123	Truck, Flatbed, 10T, Hwy	2	272	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2213	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	76	Diesel
2213	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2233	Reaches 123	Boom Truck, 8 Tn Boom	1	5	Diesel
2233	Reaches 123	Mechanics Truck	2	97	Diesel
2233	Reaches 123	Pickup, 1/2T, 2wd	1	9	Gasoline
2233	Reaches 123	Pickup, 1/2T, 4wd	5	117	Gasoline
2233	Reaches 123	Pickup, 3/4T, 2wd	1	3	Gasoline
2233	Reaches 123	Truck, Flatbed, 10T, Hwy	2	272	Diesel
2233	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	76	Diesel
2233	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2243	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	3	302	Diesel
2253	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	6	309	Diesel
2253	Reaches 123	10CY CON MIX TRCK 250 HP DSL	2	81	Diesel
2263	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	71	Diesel
2283	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	5	329	Diesel
2283	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	18	Diesel
2303	Reaches 123	Boom Truck, 8 Tn Boom	1	5	Diesel
2303	Reaches 123	Mechanics Truck	1	120	Diesel
2303	Reaches 123	Pickup, 1/2T, 2wd	1	9	Gasoline
2303	Reaches 123	Pickup, 1/2T, 4wd	4	100	Gasoline
2303	Reaches 123	Pickup, 3/4T, 2wd	1	3	Gasoline
2303	Reaches 123	Truck, Flatbed, 10T, Hwy	1	336	Diesel
2303	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	104	Diesel
2303	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2313	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	3	274	Diesel
2323	Reaches 123	Boom Truck, 8 Tn Boom	1	5	Diesel
2323	Reaches 123	Mechanics Truck	1	120	Diesel
2323	Reaches 123	Pickup, 1/2T, 2wd	1	9	Gasoline
2323	Reaches 123	Pickup, 1/2T, 4wd	4	100	Gasoline
2323	Reaches 123	Pickup, 3/4T, 2wd	1	3	Gasoline
2323	Reaches 123	Truck, Flatbed, 10T, Hwy	1	336	Diesel
2323	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	104	Diesel
2323	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2343	Reaches 123	Boom Truck, 8 Tn Boom	1	4	Diesel
2343	Reaches 123	Mechanics Truck	1	120	Diesel
2343	Reaches 123	Pickup, 1/2T, 2wd	1	8	Gasoline
2343	Reaches 123	Pickup, 1/2T, 4wd	4	100	Gasoline
2343	Reaches 123	Pickup, 3/4T, 2wd	1	3	Gasoline
2343	Reaches 123	Truck, Flatbed, 10T, Hwy	1	336	Diesel
2343	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	104	Diesel
2343	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2363	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	2	283	Diesel
2363	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	51	Diesel
2373	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	2	174	Diesel
2373	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	40	Diesel
2393	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	1	271	Diesel
2393	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	54	Diesel
2403	Reaches 123	Boom Truck, 8 Tn Boom	1	8	Diesel
2403	Reaches 123	Mechanics Truck	2	75	Diesel
2403	Reaches 123	Pickup, 1/2T, 2wd	1	23	Gasoline
2403	Reaches 123	Pickup, 1/2T, 4wd	4	101	Gasoline
2403	Reaches 123	Pickup, 3/4T, 4wd	1	1	Gasoline
2403	Reaches 123	Transit Mix Truck, 10cy	1	80	Diesel
2403	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	7	Diesel
2403	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	113	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2403	Reaches 123	Truck, Flatbed, 10T, Hwy	2	211	Diesel
2403	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	266	Diesel
2403	Reaches 123	Truck, Water, 4 mgal, Hwy	1	10	Diesel
2413	Reaches 123	Boom Truck, 8 Tn Boom	1	10	Diesel
2413	Reaches 123	Mechanics Truck	3	88	Diesel
2413	Reaches 123	Pickup, 1/2T, 2wd	1	31	Gasoline
2413	Reaches 123	Pickup, 1/2T, 4wd	6	100	Gasoline
2413	Reaches 123	Pickup, 3/4T, 2wd	1	2	Gasoline
2413	Reaches 123	Pickup, 3/4T, 4wd	1	0	Gasoline
2413	Reaches 123	Transit Mix Truck, 10cy	1	116	Diesel
2413	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	10	Diesel
2413	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	150	Diesel
2413	Reaches 123	Truck, Flatbed, 10T, Hwy	3	246	Diesel
2413	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	261	Diesel
2413	Reaches 123	Truck, Water, 4 mgal, Hwy	1	21	Diesel
2453	Reaches 123	Boom Truck, 8 Tn Boom	1	8	Diesel
2453	Reaches 123	Mechanics Truck	1	114	Diesel
2453	Reaches 123	Pickup, 1/2T, 2wd	1	16	Gasoline
2453	Reaches 123	Pickup, 1/2T, 4wd	2	114	Gasoline
2453	Reaches 123	Pickup, 3/4T, 4wd	1	1	Gasoline
2453	Reaches 123	Transit Mix Truck, 10cy	1	83	Diesel
2453	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	1	Diesel
2453	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	19	Diesel
2453	Reaches 123	Truck, Flatbed, 10T, Hwy	1	320	Diesel
2453	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	194	Diesel
2453	Reaches 123	Truck, Water, 4 mgal, Hwy	1	5	Diesel
2463	Reaches 123	Boom Truck, 8 Tn Boom	1	8	Diesel
2463	Reaches 123	Mechanics Truck	1	114	Diesel
2463	Reaches 123	Pickup, 1/2T, 2wd	1	16	Gasoline
2463	Reaches 123	Pickup, 1/2T, 4wd	2	114	Gasoline
2463	Reaches 123	Pickup, 3/4T, 4wd	1	1	Gasoline
2463	Reaches 123	Transit Mix Truck, 10cy	1	83	Diesel
2463	Reaches 123	Truck, End Dump, 10-13cy, Hwy	1	1	Diesel
2463	Reaches 123	Truck, End Dump, 16-20cy, Hwy	1	19	Diesel
2463	Reaches 123	Truck, Flatbed, 10T, Hwy	1	320	Diesel
2463	Reaches 123	Truck, Tractor, 75000#, 6 x 4	1	194	Diesel
2463	Reaches 123	Truck, Water, 4 mgal, Hwy	1	5	Diesel
2473	Reaches 123	10 CY HWY TRK RR DMP 10 W DS	2	188	Diesel
2473	Reaches 123	10CY CON MIX TRCK 250 HP DSL	1	44	Diesel
1114	Temporary Power	Concrete truck - Tower Construction - All Lines	1	40	Diesel
1114	Temporary Power	Line truck - Line Stringing - 115/230kV	1	40	Diesel
1114	Temporary Power	Line truck - Tower Construction - All Lines	1	40	Diesel
1114	Temporary Power	Water truck - Tower Construction - All Lines	1	40	Diesel
1115	Temporary Power	Concrete truck - Tower Construction - All Lines	1	40	Diesel
1115	Temporary Power	Line truck - Line Stringing - 115/230kV	1	40	Diesel
1115	Temporary Power	Line truck - Tower Construction - All Lines	1	40	Diesel
1115	Temporary Power	Water truck - Tower Construction - All Lines	1	40	Diesel
1116	Temporary Power	Concrete truck - Tower Construction - All Lines	1	40	Diesel
1116	Temporary Power	Line truck - Line Stringing - 115/230kV	1	40	Diesel
1116	Temporary Power	Line truck - Tower Construction - All Lines	1	40	Diesel



Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
1116	Temporary Power	Water truck - Tower Construction - All Lines	1	40	Diesel
1117	Temporary Power	Concrete truck - Tower Construction - All Lines	1	40	Diesel
1117	Temporary Power	Line truck - Line Stringing - 115/230kV	1	40	Diesel
1117	Temporary Power	Line truck - Tower Construction - All Lines	1	40	Diesel
1117	Temporary Power	Water truck - Tower Construction - All Lines	1	40	Diesel
1111	Temporary Power	Concrete truck - Tower Construction - All Lines	1	40	Diesel
1111	Temporary Power	Line truck - Line Stringing - 34.5 and 69kV	1	40	Diesel
1111	Temporary Power	Line truck - Tower Construction - All Lines	1	40	Diesel
1111	Temporary Power	Water truck - Tower Construction - All Lines	1	40	Diesel
1112	Temporary Power	Concrete truck - Tower Construction - All Lines	1	40	Diesel
1112	Temporary Power	Line truck - Line Stringing - 34.5 and 69kV	1	40	Diesel
1112	Temporary Power	Line truck - Tower Construction - All Lines	1	40	Diesel
1112	Temporary Power	Water truck - Tower Construction - All Lines	1	40	Diesel
1113	Temporary Power	Concrete truck - Tower Construction - All Lines	1	40	Diesel
1113	Temporary Power	Line truck - Line Stringing - 34.5 and 69kV	1	40	Diesel
1113	Temporary Power	Line truck - Tower Construction - All Lines	1	40	Diesel
1113	Temporary Power	Water truck - Tower Construction - All Lines	1	40	Diesel
51030	Bridges <sup>b</sup>	Pickup, 1/2T, 4wd	12	49	Gasoline
51030	Bridges <sup>b</sup>	Truck, Flatbed, 2T, Hwy	6	138	Gasoline
51050	Bridges <sup>b</sup>	Pickup, 1/2T, 2wd	4	48	Gasoline
51050	Bridges <sup>b</sup>	Pickup, 3/4T, 2wd	1	8	Gasoline
51050	Bridges <sup>b</sup>	Pickup, 1/2T, 4wd	1	28	Gasoline
51050	Bridges <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	43	Diesel
51050	Bridges <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	19	Diesel
51050	Bridges <sup>b</sup>	Boom Truck, 8 Tn Boom	2	48	Diesel
51060	Bridges <sup>b</sup>	Pickup, 1/2T, 2wd	2	40	Gasoline
51070	Bridges <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	35	Gasoline
51110	Bridges <sup>b</sup>	Pickup, 3/4T, 2wd	6	49	Gasoline
51110	Bridges <sup>b</sup>	Pickup, 1/2T, 4wd	1	21	Gasoline
51110	Bridges <sup>b</sup>	Pickup, 3/4T, 4wd	3	49	Gasoline
51110	Bridges <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	6	136	Diesel
51110	Bridges <sup>b</sup>	Transit Mix Truck, 10cy	6	49	Diesel
51120	Bridges <sup>b</sup>	Transit Mix Truck, 10cy	14	48	Diesel
51130	Bridges <sup>b</sup>	Transit Mix Truck, 10cy	20	48	Diesel
51130	Bridges <sup>b</sup>	Boom Truck, 8 Tn Boom	2	34	Diesel
51131	Bridges <sup>b</sup>	Truck, Water, 4 mgal, Hwy	11	128	Diesel
20020	Canals <sup>b</sup>	Pickup, 1/2T, 4wd	52	39	Gasoline
20020	Canals <sup>b</sup>	Truck, Flatbed, 2T, Hwy	6	98	Gasoline
20030	Canals <sup>b</sup>	Boom Truck, 8 Tn Boom	2	28	Diesel
20030	Canals <sup>b</sup>	Pickup, 1/2T, 2wd	3	37	Gasoline
20030	Canals <sup>b</sup>	Pickup, 1/2T, 4wd	1	27	Gasoline
20030	Canals <sup>b</sup>	Pickup, 3/4T, 2wd	1	3	Gasoline
20030	Canals <sup>b</sup>	Pickup, 3/4T, 4wd	1	2	Gasoline
20030	Canals <sup>b</sup>	Transit Mix Truck, 10cy	1	24	Diesel
20030	Canals <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	19	Diesel
20030	Canals <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	11	Gasoline
20030	Canals <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	30	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
20035	Canals <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	50	Gasoline
20040	Canals <sup>b</sup>	Pickup, 1/2T, 2wd	1	20	Gasoline
20050	Canals <sup>b</sup>	Pickup, 1/2T, 2wd	6	43	Gasoline
20050	Canals <sup>b</sup>	Pickup, 3/4T, 4wd	2	29	Gasoline
20050	Canals <sup>b</sup>	Truck, End Dump, 16-20cy, Hwy	6	117	Diesel
20050	Canals <sup>b</sup>	Truck, Flatbed, 10T, Hwy	2	112	Diesel
20050	Canals <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	14	Gasoline
20050	Canals <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	4	120	Diesel
20050	Canals <sup>b</sup>	Truck, Water, 4 mgal, Hwy	9	136	Diesel
20110	Canals <sup>b</sup>	Pickup, 1/2T, 4wd	1	29	Gasoline
20110	Canals <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	2	104	Diesel
20120	Canals <sup>b</sup>	Boom Truck, 8 Tn Boom	1	27	Diesel
20120	Canals <sup>b</sup>	Pickup, 1/2T, 2wd	4	83	Gasoline
20120	Canals <sup>b</sup>	Pickup, 1/2T, 4wd	1	22	Gasoline
20120	Canals <sup>b</sup>	Pickup, 3/4T, 4wd	1	9	Gasoline
20130	Canals <sup>b</sup>	Boom Truck, 8 Tn Boom	1	27	Diesel
20130	Canals <sup>b</sup>	Pickup, 1/2T, 2wd	5	89	Gasoline
20130	Canals <sup>b</sup>	Pickup, 1/2T, 4wd	1	45	Gasoline
20130	Canals <sup>b</sup>	Pickup, 3/4T, 4wd	1	9	Gasoline
20150	Canals <sup>b</sup>	Boom Truck, 8 Tn Boom	1	33	Diesel
20150	Canals <sup>b</sup>	Pickup, 1/2T, 2wd	4	81	Gasoline
20150	Canals <sup>b</sup>	Pickup, 1/2T, 4wd	3	67	Gasoline
20150	Canals <sup>b</sup>	Pickup, 3/4T, 4wd	1	11	Gasoline
20150	Canals <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	261	Diesel
20170	Canals <sup>b</sup>	Truck, Flatbed, 10T, Hwy	2	239	Diesel
20170	Canals <sup>b</sup>	Truck, Water, 4 mgal, Hwy	2	239	Diesel
20210	Canals <sup>b</sup>	Pickup, 1/2T, 4wd	2	27	Gasoline
20210	Canals <sup>b</sup>	Pickup, 3/4T, 4wd	2	38	Gasoline
20210	Canals <sup>b</sup>	Truck, Flatbed, 2T, Hwy	2	86	Gasoline
20210	Canals <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	5	127	Diesel
20210	Canals <sup>b</sup>	Truck, Water, 4 mgal, Hwy	2	123	Diesel
20220	Canals <sup>b</sup>	Pickup, 1/2T, 2wd	2	34	Gasoline
20220	Canals <sup>b</sup>	Transit Mix Truck, 10cy	3	42	Diesel
20220	Canals <sup>b</sup>	Truck, End Dump, 16-20cy, Hwy	7	124	Diesel
20220	Canals <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	118	Diesel
20220	Canals <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	118	Diesel
20230	Canals <sup>b</sup>	Truck, Flatbed, 10T, Hwy	2	84	Diesel
20300	Canals <sup>b</sup>	Truck, Flatbed, 10T, Hwy	2	85	Diesel
20300	Canals <sup>b</sup>	Truck, Flatbed, 2T, Hwy	5	138	Gasoline
20300	Canals <sup>b</sup>	Truck, Water, 4 mgal, Hwy	5	136	Diesel
89030	Siphons <sup>b</sup>	Pickup, 1/2T, 4wd	6	7	Gasoline
89030	Siphons <sup>b</sup>	Truck, Flatbed, 2T, Hwy	2	56	Gasoline
89040	Siphons <sup>b</sup>	Boom Truck, 8 Tn Boom	1	50	Diesel
89040	Siphons <sup>b</sup>	Pickup, 1/2T, 2wd	2	25	Gasoline
89040	Siphons <sup>b</sup>	Pickup, 1/2T, 4wd	1	50	Gasoline
89040	Siphons <sup>b</sup>	Pickup, 3/4T, 4wd	1	50	Gasoline
89040	Siphons <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	140	Diesel
89040	Siphons <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	140	Diesel
89040	Siphons <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	140	Diesel
89040	Siphons <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	140	Diesel
89050	Siphons <sup>b</sup>	Boom Truck, 8 Tn Boom	1	50	Diesel
89050	Siphons <sup>b</sup>	Pickup, 1/2T, 2wd	2	25	Gasoline
89050	Siphons <sup>b</sup>	Pickup, 1/2T, 4wd	1	50	Gasoline
89050	Siphons <sup>b</sup>	Pickup, 3/4T, 2wd	1	50	Gasoline
89050	Siphons <sup>b</sup>	Pickup, 3/4T, 4wd	1	50	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
89050	Siphons <sup>b</sup>	Transit Mix Truck, 10cy	1	50	Diesel
89050	Siphons <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	140	Diesel
89050	Siphons <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	140	Gasoline
89050	Siphons <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	140	Diesel
89060	Siphons <sup>b</sup>	Pickup, 1/2T, 2wd	2	25	Gasoline
89070	Siphons <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	112	Gasoline
89111	Siphons <sup>b</sup>	Pickup, 3/4T, 2wd	6	17	Gasoline
89111	Siphons <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	3	93	Diesel
89112	Siphons <sup>b</sup>	Pickup, 3/4T, 2wd	2	50	Gasoline
89112	Siphons <sup>b</sup>	Pickup, 3/4T, 4wd	1	100	Gasoline
89112	Siphons <sup>b</sup>	Transit Mix Truck, 10cy	1	100	Diesel
89112	Siphons <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	2	140	Diesel
89112	Siphons <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	280	Diesel
89120	Siphons <sup>b</sup>	Transit Mix Truck, 10cy	5	10	Diesel
89120	Siphons <sup>b</sup>	Truck, Flatbed, 2T, Hwy	4	35	Gasoline
89130	Siphons <sup>b</sup>	Boom Truck, 8 Tn Boom	1	50	Diesel
89130	Siphons <sup>b</sup>	Pickup, 1/2T, 2wd	1	50	Gasoline
89130	Siphons <sup>b</sup>	Pickup, 3/4T, 4wd	5	10	Gasoline
89130	Siphons <sup>b</sup>	Transit Mix Truck, 10cy	1	50	Diesel
89130	Siphons <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	140	Diesel
89130	Siphons <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	140	Gasoline
89130	Siphons <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	140	Diesel
89130	Siphons <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	140	Diesel
89141	Siphons <sup>b</sup>	Pickup, 3/4T, 2wd	6	17	Gasoline
89141	Siphons <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	3	93	Diesel
89142	Siphons <sup>b</sup>	Pickup, 3/4T, 2wd	2	50	Gasoline
89142	Siphons <sup>b</sup>	Pickup, 3/4T, 4wd	1	100	Gasoline
89142	Siphons <sup>b</sup>	Transit Mix Truck, 10cy	1	100	Diesel
89142	Siphons <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	2	140	Diesel
89142	Siphons <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	280	Diesel
89150	Siphons <sup>b</sup>	Transit Mix Truck, 10cy	4	13	Diesel
89150	Siphons <sup>b</sup>	Truck, Flatbed, 2T, Hwy	3	47	Gasoline
89160	Siphons <sup>b</sup>	Pickup, 3/4T, 4wd	5	10	Gasoline
89160	Siphons <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	140	Diesel
9004	Dredge <sup>b</sup>	Boom Truck, 8 Tn Boom	1	0	Diesel
9005	Dredge <sup>b</sup>	Boom Truck, 8 Tn Boom	2	31	Diesel
9004	Dredge <sup>b</sup>	Pickup, 1/2T, 2wd	2	25	Gasoline
9005	Dredge <sup>b</sup>	Pickup, 1/2T, 2wd	3	42	Gasoline
9007	Dredge <sup>b</sup>	Pickup, 1/2T, 2wd	3	48	Gasoline
9009	Dredge <sup>b</sup>	Pickup, 1/2T, 2wd	3	42	Gasoline
9003	Dredge <sup>b</sup>	Pickup, 1/2T, 4wd	6	38	Gasoline
9004	Dredge <sup>b</sup>	Pickup, 1/2T, 4wd	1	0	Gasoline
9005	Dredge <sup>b</sup>	Pickup, 1/2T, 4wd	1	19	Gasoline
9007	Dredge <sup>b</sup>	Pickup, 1/2T, 4wd	1	9	Gasoline
9005	Dredge <sup>b</sup>	Pickup, 3/4T, 2wd	1	8	Gasoline
9004	Dredge <sup>b</sup>	Pickup, 3/4T, 4wd	1	3	Gasoline
9005	Dredge <sup>b</sup>	Pickup, 3/4T, 4wd	1	2	Gasoline
9005	Dredge <sup>b</sup>	Transit Mix Truck, 10cy	1	13	Diesel
9004	Dredge <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	2	Diesel
9005	Dredge <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	14	Diesel
9007	Dredge <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	2	109	Diesel
9004	Dredge <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	117	Diesel
9003	Dredge <sup>b</sup>	Truck, Flatbed, 2T, Hwy	2	64	Gasoline
9005	Dredge <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	6	Gasoline
9006	Dredge <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	35	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
9009	Dredge <sup>b</sup>	Truck, Flatbed, 2T, Hwy	2	81	Gasoline
9004	Dredge <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	23	Diesel
9004	Dredge <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	8	Diesel
9005	Dredge <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	40	Diesel
9007	Dredge <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	115	Diesel
9009	Dredge <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	40	Diesel
11111	Head of Old River Barrier <sup>b</sup>	Flatbed	1	21	Diesel
11112	Head of Old River Barrier <sup>b</sup>	Flatbed	1	11	Diesel
11113	Head of Old River Barrier <sup>b</sup>	Flatbed	1	52	Diesel
10045	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	19	40	Gasoline
10045	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	84	Gasoline
10060	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	44	Gasoline
10060	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	4	Gasoline
10060	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	29	Gasoline
10060	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	2	Gasoline
10060	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	7	Gasoline
10060	Intermediate Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	35	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	21	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	16	Diesel
10060	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	44	Diesel
10065	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	97	Gasoline
10085	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	45	Gasoline
10105	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	2	35	Gasoline
10105	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	26	Gasoline
10105	Intermediate Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	2	109	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	2	116	Diesel
10105	Intermediate Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	56	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	37	Gasoline
10110	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	8	Gasoline
10110	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	6	Gasoline
10110	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	24	Gasoline
10110	Intermediate Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	57	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	47	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	20	Diesel
10110	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	0	Diesel
10115	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	21	Gasoline
10115	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	8	49	Gasoline
10115	Intermediate Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	5	113	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	2	46	Gasoline
10120	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	27	Gasoline
10120	Intermediate Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	2	129	Diesel
10120	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	3	35	Diesel
10130	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	2	100	Gasoline
10130	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	3	41	Diesel
10135	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	50	Gasoline
10135	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	50	Diesel
10140	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	3	36	Gasoline
10145	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	3	34	Gasoline
10145	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	43	Gasoline
10145	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	3	95	Diesel
10145	Intermediate Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	47	Diesel
10150	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	15	Gasoline
10150	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	2	50	Diesel
10155	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	18	Gasoline
10155	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	88	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
10155	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	18	Diesel
10160	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	3	38	Gasoline
10160	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	4	112	Gasoline
10160	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	47	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	34	Gasoline
10170	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	1	Gasoline
10170	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	2	Gasoline
10170	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	18	Gasoline
10170	Intermediate Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	3	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	38	Diesel
10170	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	34	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	3	Gasoline
10200	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	34	Gasoline
10200	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	2	73	Gasoline
10200	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	4	40	Diesel
10200	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	2	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	2	Gasoline
10300	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	20	Gasoline
10300	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	25	Gasoline
10300	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	3	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	37	Gasoline
10300	Intermediate Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	17	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	97	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Truck, End Dump, 16-20cy, Hwy	1	64	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	29	Diesel
10300	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	3	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	39	Gasoline
10350	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	37	Gasoline
10350	Intermediate Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	38	Gasoline
10350	Intermediate Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	137	Gasoline
10350	Intermediate Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	5	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	77	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	3	42	Diesel
10350	Intermediate Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	6	Diesel
6030	Pipelines <sup>v</sup>	Pickup, 1/2T, 4wd	35	49	Gasoline
6040	Pipelines <sup>v</sup>	Boom Truck, 8 Tn Boom	1	1	Diesel
6040	Pipelines <sup>v</sup>	Truck, End Dump, 10-13cy, Hwy	1	8	Diesel
6040	Pipelines <sup>v</sup>	Truck, Tractor, 75000#, 6 x 4	1	105	Diesel
6040	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	1	36	Diesel
6040	Pipelines <sup>v</sup>	Pickup, 1/2T, 2wd	1	31	Gasoline
6040	Pipelines <sup>v</sup>	Pickup, 1/2T, 4wd	1	1	Gasoline
6040	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	1	13	Gasoline
6050	Pipelines <sup>v</sup>	Boom Truck, 8 Tn Boom	1	15	Diesel
6050	Pipelines <sup>v</sup>	Transit Mix Truck, 10cy	1	5	Diesel
6050	Pipelines <sup>v</sup>	Truck, End Dump, 10-13cy, Hwy	1	6	Diesel
6050	Pipelines <sup>v</sup>	Truck, Flatbed, 2T, Hwy	1	2	Gasoline
6050	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	1	10	Diesel
6050	Pipelines <sup>v</sup>	Pickup, 1/2T, 2wd	1	30	Gasoline
6050	Pipelines <sup>v</sup>	Pickup, 1/2T, 4wd	1	9	Gasoline
6050	Pipelines <sup>v</sup>	Pickup, 3/4T, 2wd	1	1	Gasoline
6050	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	1	1	Gasoline
6060	Pipelines <sup>v</sup>	Pickup, 1/2T, 2wd	1	16	Gasoline
6070	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	1	1	Gasoline
6110	Pipelines <sup>v</sup>	Truck, End Dump, 10-13cy, Hwy	1	12	Diesel
6110	Pipelines <sup>v</sup>	Truck, Tractor, 75000#, 6 x 4	1	41	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
6110	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	1	50	Diesel
6110	Pipelines <sup>v</sup>	Pickup, 1/2T, 4wd	1	2	Gasoline
6110	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	7	45	Gasoline
6120	Pipelines <sup>v</sup>	Transit Mix Truck, 10cy	1	15	Diesel
6120	Pipelines <sup>v</sup>	Truck, End Dump, 16-20cy, Hwy	1	93	Diesel
6120	Pipelines <sup>v</sup>	Truck, Flatbed, 2T, Hwy	1	10	Gasoline
6120	Pipelines <sup>v</sup>	Truck, Tractor, 75000#, 6 x 4	1	47	Diesel
6120	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	1	23	Diesel
6120	Pipelines <sup>v</sup>	Pickup, 3/4T, 2wd	1	26	Gasoline
6120	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	1	29	Gasoline
6130	Pipelines <sup>v</sup>	Boom Truck, 8 Tn Boom	1	2	Diesel
6130	Pipelines <sup>v</sup>	Transit Mix Truck, 10cy	1	27	Diesel
6130	Pipelines <sup>v</sup>	Truck, Tractor, 75000#, 6 x 4	1	24	Diesel
6130	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	6	280	Diesel
6130	Pipelines <sup>v</sup>	Pickup, 1/2T, 2wd	1	2	Gasoline
6130	Pipelines <sup>v</sup>	Pickup, 3/4T, 2wd	1	6	Gasoline
6130	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	2	49	Gasoline
6140	Pipelines <sup>v</sup>	Boom Truck, 8 Tn Boom	1	13	Diesel
6140	Pipelines <sup>v</sup>	Transit Mix Truck, 10cy	1	44	Diesel
6140	Pipelines <sup>v</sup>	Truck, End Dump, 16-20cy, Hwy	1	25	Diesel
6140	Pipelines <sup>v</sup>	Truck, Tractor, 75000#, 6 x 4	1	50	Diesel
6140	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	1	11	Diesel
6140	Pipelines <sup>v</sup>	Pickup, 1/2T, 2wd	1	13	Gasoline
6140	Pipelines <sup>v</sup>	Pickup, 3/4T, 2wd	1	13	Gasoline
6140	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	2	29	Gasoline
6150	Pipelines <sup>v</sup>	Boom Truck, 8 Tn Boom	1	2	Diesel
6150	Pipelines <sup>v</sup>	Transit Mix Truck, 10cy	2	44	Diesel
6150	Pipelines <sup>v</sup>	Truck, Flatbed, 10T, Hwy	1	43	Diesel
6150	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	1	15	Diesel
6150	Pipelines <sup>v</sup>	Pickup, 1/2T, 2wd	1	2	Gasoline
6150	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	1	15	Gasoline
6160	Pipelines <sup>v</sup>	Boom Truck, 8 Tn Boom	1	1	Diesel
6160	Pipelines <sup>v</sup>	Transit Mix Truck, 10cy	1	25	Diesel
6160	Pipelines <sup>v</sup>	Truck, Flatbed, 10T, Hwy	1	12	Diesel
6160	Pipelines <sup>v</sup>	Truck, Flatbed, 2T, Hwy	1	1	Gasoline
6160	Pipelines <sup>v</sup>	Truck, Tractor, 75000#, 6 x 4	1	17	Diesel
6160	Pipelines <sup>v</sup>	Truck, Water, 4 mgal, Hwy	1	11	Diesel
6160	Pipelines <sup>v</sup>	Pickup, 1/2T, 2wd	1	1	Gasoline
6160	Pipelines <sup>v</sup>	Pickup, 1/2T, 4wd	1	1	Gasoline
6160	Pipelines <sup>v</sup>	Pickup, 3/4T, 2wd	1	6	Gasoline
6160	Pipelines <sup>v</sup>	Pickup, 3/4T, 4wd	1	19	Gasoline
1045	Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	19	39	Gasoline
1045	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	83	Gasoline
1065	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	10	Gasoline
1085	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	13	Gasoline
2605	Pump Plant <sup>b</sup>	Mechanics Truck	1	79	Diesel
2605	Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	56	Diesel
2605	Pump Plant <sup>b</sup>	Truck, End Dump, 16-20cy, Hwy	2	221	Diesel
2605	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	221	Diesel
2605	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	32	Gasoline
2605	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	28	Diesel
2610	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	1	Diesel
2610	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	76	Gasoline
2610	Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	16	Gasoline
2610	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	5	Gasoline

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
2610	Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel
2610	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	49	Gasoline
2610	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	39	Diesel
2610	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	96	Diesel
2615	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	2	272	Diesel
2620	Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	48	Gasoline
2620	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	30	Diesel
2630	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	40	Gasoline
2630	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	20	Diesel
2630	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	112	Diesel
2635	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	2	29	Diesel
2635	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	46	Gasoline
2640	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	4	43	Gasoline
2640	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	110	Diesel
2640	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	60	Diesel
2645	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	26	Diesel
2645	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	36	Gasoline
2645	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	7	Diesel
2645	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	121	Gasoline
2645	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	2	Diesel
2650	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	80	Diesel
2655	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	2	31	Diesel
2655	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	31	Gasoline
2665	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	47	Gasoline
2670	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	13	Gasoline
2670	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	18	Gasoline
2670	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	29	Gasoline
2670	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	40	Diesel
2670	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	12	Diesel
2670	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	7	Diesel
2675	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	15	Gasoline
2675	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	44	Gasoline
2675	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	37	Diesel
2675	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	2	Diesel
2680	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	8	Gasoline
2680	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	29	Diesel
2680	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	15	Gasoline
2680	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	42	Diesel
2685	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	17	Gasoline
2685	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	3	Gasoline
2685	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	17	Diesel
2685	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	109	Diesel
2685	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	27	Gasoline
2685	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	8	Diesel
3605	Pump Plant <sup>b</sup>	Mechanics Truck	1	65	Diesel
3605	Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	56	Diesel
3605	Pump Plant <sup>b</sup>	Truck, End Dump, 16-20cy, Hwy	2	181	Diesel
3605	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	181	Diesel
3605	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	32	Gasoline
3605	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	28	Diesel
3610	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	1	Diesel
3610	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	80	Gasoline
3610	Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	16	Gasoline
3610	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	5	Gasoline
3610	Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	42	Diesel

Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
3610	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	49	Gasoline
3610	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	39	Diesel
3610	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	98	Diesel
3615	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	2	267	Diesel
3620	Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	39	Gasoline
3620	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	24	Diesel
3630	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	40	Gasoline
3630	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	20	Diesel
3630	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	112	Diesel
3635	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	37	Diesel
3635	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	40	Gasoline
3640	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	4	43	Gasoline
3640	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	110	Diesel
3640	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	60	Diesel
3645	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	29	Diesel
3645	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	40	Gasoline
3645	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	8	Diesel
3645	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	135	Gasoline
3645	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	2	Diesel
3650	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	109	Diesel
3655	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	2	31	Diesel
3655	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	31	Gasoline
3665	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	47	Gasoline
3670	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	13	Gasoline
3670	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	18	Gasoline
3670	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	29	Gasoline
3670	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	40	Diesel
3670	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	12	Diesel
3670	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	7	Diesel
3675	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	15	Gasoline
3675	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	44	Gasoline
3675	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	37	Diesel
3675	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	2	Diesel
3680	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	7	Gasoline
3680	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	26	Diesel
3680	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	15	Gasoline
3680	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	40	Diesel
3685	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	13	Gasoline
3685	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	2	Gasoline
3685	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	13	Diesel
3685	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	82	Diesel
3685	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	20	Gasoline
3685	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	6	Diesel
5605	Pump Plant <sup>b</sup>	Mechanics Truck	1	52	Diesel
5605	Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	45	Diesel
5605	Pump Plant <sup>b</sup>	Truck, End Dump, 16-20cy, Hwy	2	145	Diesel
5605	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	145	Diesel
5605	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	25	Gasoline
5605	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	22	Diesel
5610	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	1	Diesel
5610	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	67	Gasoline
5610	Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	15	Gasoline
5610	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	5	Gasoline
5610	Pump Plant <sup>b</sup>	Truck, End Dump, 10-13cy, Hwy	1	36	Diesel
5610	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	49	Gasoline



Sch Act	Feature	Trip Type	Veh/ day	Mi/ day/ veh	Fuel type
5610	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	39	Diesel
5610	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	89	Diesel
5615	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	2	224	Diesel
5620	Pump Plant <sup>b</sup>	Pickup, 1/2T, 4wd	1	43	Gasoline
5620	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	27	Diesel
5630	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	40	Gasoline
5630	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	20	Diesel
5630	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	112	Diesel
5635	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	36	Diesel
5635	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	40	Gasoline
5640	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	4	43	Gasoline
5640	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	110	Diesel
5640	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	60	Diesel
5645	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	1	36	Diesel
5645	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	49	Gasoline
5645	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	10	Diesel
5645	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	2	82	Gasoline
5645	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	3	Diesel
5650	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	109	Diesel
5655	Pump Plant <sup>b</sup>	Boom Truck, 8 Tn Boom	2	30	Diesel
5655	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	2	30	Gasoline
5665	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	47	Gasoline
5670	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	13	Gasoline
5670	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	18	Gasoline
5670	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	29	Gasoline
5670	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	40	Diesel
5670	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	12	Diesel
5670	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	7	Diesel
5675	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	15	Gasoline
5675	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	2	44	Gasoline
5675	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	37	Diesel
5675	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	2	Diesel
5680	Pump Plant <sup>b</sup>	Pickup, 3/4T, 2wd	1	3	Gasoline
5680	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	13	Diesel
5680	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	15	Gasoline
5680	Pump Plant <sup>b</sup>	Truck, Tractor, 75000#, 6 x 4	1	19	Diesel
5685	Pump Plant <sup>b</sup>	Pickup, 1/2T, 2wd	1	13	Gasoline
5685	Pump Plant <sup>b</sup>	Pickup, 3/4T, 4wd	1	2	Gasoline
5685	Pump Plant <sup>b</sup>	Transit Mix Truck, 10cy	1	13	Diesel
5685	Pump Plant <sup>b</sup>	Truck, Flatbed, 10T, Hwy	1	82	Diesel
5685	Pump Plant <sup>b</sup>	Truck, Flatbed, 2T, Hwy	1	20	Gasoline
5685	Pump Plant <sup>b</sup>	Truck, Water, 4 mgal, Hwy	1	6	Diesel

<sup>a</sup> Geotechnical explorations would only be conducted for Alternative 4.

<sup>b</sup> Feature would only be constructed under certain alternatives.

1 **Table 22B-8. Employee Vehicle Inventory**

Sch Act	Feature	One-Way Trips/Day	Mi/Day
8003	Clifton Court Forebay	122	2,843
8004	Clifton Court Forebay	4	93
8005	Clifton Court Forebay	30	699
8006	Clifton Court Forebay	38	894
8007	Clifton Court Forebay	14	326
8010	Clifton Court Forebay	46	1,072
8012	Clifton Court Forebay	46	1,072
8015	Clifton Court Forebay	44	1,025
8025	Clifton Court Forebay	16	373
8030	Clifton Court Forebay	72	1,678
8040	Clifton Court Forebay	66	1,538
8045	Clifton Court Forebay	54	1,258
8050	Clifton Court Forebay	32	746
8060	Clifton Court Forebay	30	699
8071	Clifton Court Forebay	58	1,351
8073	Clifton Court Forebay	80	1,864
8075	Clifton Court Forebay	34	792
8077	Clifton Court Forebay	28	652
8079	Clifton Court Forebay	70	1,631
8081	Clifton Court Forebay	34	792
8090	Clifton Court Forebay	58	1,351
8092	Clifton Court Forebay	62	1,445
8096	Clifton Court Forebay	86	2,004
8101	Clifton Court Forebay	10	233
8103	Clifton Court Forebay	44	1,025
8111	Clifton Court Forebay	8	186
8113	Clifton Court Forebay	28	652
8121	Clifton Court Forebay	14	326
8123	Clifton Court Forebay	44	1,025
8131	Clifton Court Forebay	12	280
8133	Clifton Court Forebay	24	559
8140	Clifton Court Forebay	14	326
8141	Clifton Court Forebay	42	979
8145	Clifton Court Forebay	14	326
8146	Clifton Court Forebay	46	1,072
AccessRoad	Geotechnical Explorations <sup>a</sup>	14	665
Onland	Geotechnical Explorations <sup>a</sup>	8	280
Overwater	Geotechnical Explorations <sup>a</sup>	8	480
3	Intakes	112	2,363
4	Intakes	98	2,068
5	Intakes	10	211
6	Intakes	12	253
7	Intakes	12	253
201	Intakes	42	886
203	Intakes	58	1,224
205	Intakes	114	2,405
206	Intakes	264	5,570
207	Intakes	38	802
209	Intakes	156	3,292
211	Intakes	54	1,139
213	Intakes	34	717
215	Intakes	24	506
217	Intakes	74	1,561
219	Intakes	220	4,642

Sch Act	Feature	One-Way Trips/Day	Mi/Day
221	Intakes	166	3,503
223	Intakes	90	1,899
225	Intakes	36	760
227	Intakes	82	1,730
229	Intakes	36	760
251	Intakes	6	127
253	Intakes	36	760
254	Intakes	28	591
255	Intakes	54	1,139
257	Intakes	246	5,191
259	Intakes	152	3,207
261	Intakes	60	1,266
301	Intakes	42	886
303	Intakes	46	971
305	Intakes	132	2,785
306	Intakes	210	4,431
307	Intakes	36	760
309	Intakes	218	4,600
311	Intakes	28	591
313	Intakes	18	380
315	Intakes	28	591
317	Intakes	64	1,350
319	Intakes	150	3,165
321	Intakes	158	3,334
323	Intakes	92	1,941
325	Intakes	58	1,224
327	Intakes	74	1,561
329	Intakes	34	717
351	Intakes	6	127
353	Intakes	68	1,435
354	Intakes	28	591
355	Intakes	54	1,139
357	Intakes	246	5,191
359	Intakes	152	3,207
361	Intakes	160	3,376
365	Intakes	80	1,688
367	Intakes	196	4,136
369	Intakes	16	338
371	Intakes	26	549
501	Intakes	42	886
503	Intakes	58	1,224
505	Intakes	112	2,363
506	Intakes	264	5,570
507	Intakes	38	802
509	Intakes	154	3,249
511	Intakes	54	1,139
513	Intakes	36	760
515	Intakes	24	506
517	Intakes	92	1,941
519	Intakes	220	4,642
521	Intakes	164	3,460
523	Intakes	90	1,899
525	Intakes	36	760
527	Intakes	82	1,730
529	Intakes	32	675
551	Intakes	8	169
553	Intakes	36	760

Sch Act	Feature	One-Way Trips/Day	Mi/Day
554	Intakes	54	1,139
555	Intakes	54	1,139
557	Intakes	206	4,347
559	Intakes	152	3,207
561	Intakes	60	1,266
7004	Intermediate Forebay	17	354
7005	Intermediate Forebay	41	872
7006	Intermediate Forebay	1	28
7007	Intermediate Forebay	1	14
7010	Intermediate Forebay	70	1,492
7020	Intermediate Forebay	4	92
7022	Intermediate Forebay	14	301
7035	Intermediate Forebay	73	1,550
7040	Intermediate Forebay	9	184
7050	Intermediate Forebay	5	116
7052	Intermediate Forebay	17	366
7065	Intermediate Forebay	59	1,264
7070	Intermediate Forebay	9	195
9999	Permeant Power	8	175
1020	Reach 7/Combined Pump Plant	6	140
1030	Reach 7/Combined Pump Plant	122	2,843
1040	Reach 7/Combined Pump Plant	14	326
1050	Reach 7/Combined Pump Plant	50	1,165
1060	Reach 7/Combined Pump Plant	38	885
1080	Reach 7/Combined Pump Plant	2	47
1090	Reach 7/Combined Pump Plant	50	1,165
1100	Reach 7/Combined Pump Plant	50	1,165
1140	Reach 7/Combined Pump Plant	26	606
1150	Reach 7/Combined Pump Plant	44	1,025
1280	Reach 7/Combined Pump Plant	68	1,584
1290	Reach 7/Combined Pump Plant	30	699
1300	Reach 7/Combined Pump Plant	50	1,165
1320	Reach 7/Combined Pump Plant	28	652
1330	Reach 7/Combined Pump Plant	14	326
1340	Reach 7/Combined Pump Plant	60	1,398
1360	Reach 7/Combined Pump Plant	30	699
1370	Reach 7/Combined Pump Plant	32	746
1380	Reach 7/Combined Pump Plant	12	280
1480	Reach 7/Combined Pump Plant	32	746
1510	Reach 7/Combined Pump Plant	6	140
1520	Reach 7/Combined Pump Plant	122	2,843
1530	Reach 7/Combined Pump Plant	44	1,025
1540	Reach 7/Combined Pump Plant	14	326
1550	Reach 7/Combined Pump Plant	50	1,165
1560	Reach 7/Combined Pump Plant	38	885
1570	Reach 7/Combined Pump Plant	2	47
1590	Reach 7/Combined Pump Plant	50	1,165
1600	Reach 7/Combined Pump Plant	38	885
1610	Reach 7/Combined Pump Plant	52	1,212
1620	Reach 7/Combined Pump Plant	32	746
1630	Reach 7/Combined Pump Plant	32	746
1640	Reach 7/Combined Pump Plant	14	326
1650	Reach 7/Combined Pump Plant	46	1,072
1660	Reach 7/Combined Pump Plant	30	699
1670	Reach 7/Combined Pump Plant	50	1,165
1690	Reach 7/Combined Pump Plant	32	746
1700	Reach 7/Combined Pump Plant	52	1,212

Sch Act	Feature	One-Way Trips/Day	Mi/Day
1710	Reach 7/Combined Pump Plant	30	699
1720	Reach 7/Combined Pump Plant	54	1,258
1730	Reach 7/Combined Pump Plant	16	373
1740	Reach 7/Combined Pump Plant	32	746
1750	Reach 7/Combined Pump Plant	12	280
1880	Reach 7/Combined Pump Plant	68	1,584
1890	Reach 7/Combined Pump Plant	44	1,025
1970	Reach 7/Combined Pump Plant	76	1,771
1980	Reach 7/Combined Pump Plant	44	1,025
1990	Reach 7/Combined Pump Plant	36	839
2000	Reach 7/Combined Pump Plant	32	746
2010	Reach 7/Combined Pump Plant	12	280
2020	Reach 7/Combined Pump Plant	76	1,771
2021	Reach 7/Combined Pump Plant	44	1,025
2022	Reach 7/Combined Pump Plant	36	839
2023	Reach 7/Combined Pump Plant	32	746
2030	Reach 7/Combined Pump Plant	4	93
2033	Reach 7/Combined Pump Plant	66	1,538
2040	Reach 7/Combined Pump Plant	58	1,351
2043	Reach 7/Combined Pump Plant	138	3,215
2053	Reach 7/Combined Pump Plant	18	419
2060	Reach 7/Combined Pump Plant	92	2,144
2063	Reach 7/Combined Pump Plant	48	1,118
2070	Reach 7/Combined Pump Plant	60	1,398
2073	Reach 7/Combined Pump Plant	34	792
2083	Reach 7/Combined Pump Plant	18	419
2090	Reach 7/Combined Pump Plant	32	746
2093	Reach 7/Combined Pump Plant	48	1,118
2103	Reach 7/Combined Pump Plant	34	792
2110	Reach 7/Combined Pump Plant	44	1,025
2113	Reach 7/Combined Pump Plant	28	652
2123	Reach 7/Combined Pump Plant	64	1,491
2133	Reach 7/Combined Pump Plant	140	3,262
2153	Reach 7/Combined Pump Plant	48	1,118
2173	Reach 7/Combined Pump Plant	26	606
2183	Reach 7/Combined Pump Plant	48	1,118
2213	Reach 7/Combined Pump Plant	62	1,445
2253	Reach 7/Combined Pump Plant	34	792
2283	Reach 7/Combined Pump Plant	34	792
2303	Reach 7/Combined Pump Plant	62	1,445
2313	Reach 7/Combined Pump Plant	138	3,215
2323	Reach 7/Combined Pump Plant	44	1,025
2343	Reach 7/Combined Pump Plant	16	373
2353	Reach 7/Combined Pump Plant	60	1,398
2363	Reach 7/Combined Pump Plant	68	1,584
7507	Reach 7/Combined Pump Plant	102	2,377
7508	Reach 7/Combined Pump Plant	102	2,377
7510	Reach 7/Combined Pump Plant	74	1,724
7512	Reach 7/Combined Pump Plant	70	1,631
7516	Reach 7/Combined Pump Plant	14	326
7517	Reach 7/Combined Pump Plant	12	280
7518	Reach 7/Combined Pump Plant	12	280
7520	Reach 7/Combined Pump Plant	130	3,029
7522	Reach 7/Combined Pump Plant	38	885
7530	Reach 7/Combined Pump Plant	78	1,817
7535	Reach 7/Combined Pump Plant	72	1,678
7540	Reach 7/Combined Pump Plant	32	746

Sch Act	Feature	One-Way Trips/Day	Mi/Day
7705	Reach 7/Combined Pump Plant	74	1,724
7710	Reach 7/Combined Pump Plant	92	2,144
7715	Reach 7/Combined Pump Plant	120	2,796
7725	Reach 7/Combined Pump Plant	50	1,165
7730	Reach 7/Combined Pump Plant	76	1,771
7760	Reach 7/Combined Pump Plant	74	1,724
7765	Reach 7/Combined Pump Plant	92	2,144
7770	Reach 7/Combined Pump Plant	120	2,796
7780	Reach 7/Combined Pump Plant	50	1,165
7785	Reach 7/Combined Pump Plant	76	1,771
7810	Reach 7/Combined Pump Plant	324	7,549
7820	Reach 7/Combined Pump Plant	50	1,165
7830	Reach 7/Combined Pump Plant	16	373
7850	Reach 7/Combined Pump Plant	20	466
7905	Reach 7/Combined Pump Plant	72	1,678
7907	Reach 7/Combined Pump Plant	72	1,678
7910	Reach 7/Combined Pump Plant	10	233
7912	Reach 7/Combined Pump Plant	10	233
7915	Reach 7/Combined Pump Plant	34	792
7917	Reach 7/Combined Pump Plant	34	792
7920	Reach 7/Combined Pump Plant	62	1,445
7922	Reach 7/Combined Pump Plant	62	1,445
7925	Reach 7/Combined Pump Plant	30	699
7930	Reach 7/Combined Pump Plant	98	2,283
7935	Reach 7/Combined Pump Plant	40	932
7940	Reach 7/Combined Pump Plant	36	839
1020	Reach 4	18	383
1030	Reach 4	102	2,173
1140	Reach 4	102	2,173
1170	Reach 4	18	383
1180	Reach 4	102	2,173
1200	Reach 4	44	937
2033	Reach 4	58	1,235
2043	Reach 4	140	2,982
2050	Reach 4	72	1,534
2060	Reach 4	102	2,173
2070	Reach 4	60	1,278
2080	Reach 4	2	43
2113	Reach 4	10	213
2123	Reach 4	58	1,235
2203	Reach 4	14	298
2213	Reach 4	58	1,235
2233	Reach 4	140	2,982
2303	Reach 4	60	1,278
2313	Reach 4	12	256
2323	Reach 4	58	1,235
2343	Reach 4	58	1,235
1020	Reach 4	6	128
1040	Reach 4	18	383
1050	Reach 4	54	1,150
1070	Reach 4	4	85
1100	Reach 4	302	6,433
1110	Reach 4	54	1,150
1120	Reach 4	18	383
1130	Reach 4	34	724
1160	Reach 4	44	937
1170	Reach 4	6	128

Sch Act	Feature	One-Way Trips/Day	Mi/Day
1190	Reach 4	18	383
1210	Reach 4	54	1,150
1220	Reach 4	44	937
1230	Reach 4	54	1,150
1240	Reach 4	18	383
1250	Reach 4	34	724
1260	Reach 4	34	724
1270	Reach 4	44	937
1280	Reach 4	68	1,448
1290	Reach 4	4	85
1310	Reach 4	34	724
1320	Reach 4	40	852
1330	Reach 4	40	852
1340	Reach 4	40	852
1390	Reach 4	14	298
1650	Reach 4	44	937
1660	Reach 4	44	937
1880	Reach 4	68	1,448
1890	Reach 4	64	1,363
2010	Reach 4	10	213
2030	Reach 4	8	170
2040	Reach 4	46	980
2053	Reach 4	18	383
2063	Reach 4	44	937
2073	Reach 4	36	767
2083	Reach 4	18	383
2093	Reach 4	44	937
2110	Reach 4	64	1,363
2193	Reach 4	32	682
2243	Reach 4	18	383
2253	Reach 4	18	383
2263	Reach 4	42	895
2273	Reach 4	42	895
2283	Reach 4	32	682
2293	Reach 4	36	767
2333	Reach 4	42	895
2353	Reach 4	42	895
1015	Reach 5	302	6,644
1030	Reach 5	6	132
1040	Reach 5	18	396
1050	Reach 5	54	1,188
1060	Reach 5	44	968
1070	Reach 5	4	88
1100	Reach 5	40	880
1110	Reach 5	54	1,188
1120	Reach 5	34	748
1130	Reach 5	34	748
1160	Reach 5	44	968
1190	Reach 5	20	440
1210	Reach 5	54	1,188
1220	Reach 5	44	968
1230	Reach 5	54	1,188
1240	Reach 5	34	748
1250	Reach 5	34	748
1260	Reach 5	34	748
1270	Reach 5	44	968
1280	Reach 5	68	1,496

Sch Act	Feature	One-Way Trips/Day	Mi/Day
1290	Reach 5	18	396
1310	Reach 5	34	748
1390	Reach 5	14	308
1650	Reach 5	40	880
1660	Reach 5	40	880
1880	Reach 5	68	1,496
1890	Reach 5	72	1,584
2010	Reach 5	10	220
2020	Reach 5	6	132
2030	Reach 5	6	132
2033	Reach 5	62	1,364
2040	Reach 5	54	1,188
2043	Reach 5	138	3,036
2050	Reach 5	36	792
2053	Reach 5	18	396
2060	Reach 5	26	572
2063	Reach 5	44	968
2070	Reach 5	76	1,672
2073	Reach 5	34	748
2083	Reach 5	18	396
2103	Reach 5	34	748
2110	Reach 5	72	1,584
2113	Reach 5	42	924
2213	Reach 5	62	1,364
2223	Reach 5	62	1,364
2243	Reach 5	44	968
1020	Reach 6	18	396
1020	Reach 6	6	132
1030	Reach 6	74	1,628
1040	Reach 6	18	396
1050	Reach 6	54	1,188
1060	Reach 6	44	968
1070	Reach 6	4	88
1090	Reach 6	70	1,540
1100	Reach 6	20	440
1110	Reach 6	54	1,188
1120	Reach 6	34	748
1130	Reach 6	34	748
1140	Reach 6	80	1,760
1150	Reach 6	34	748
1160	Reach 6	46	1,012
1170	Reach 6	18	396
1170	Reach 6	6	132
1180	Reach 6	74	1,628
1190	Reach 6	18	396
1200	Reach 6	80	1,760
1210	Reach 6	54	1,188
1220	Reach 6	44	968
1250	Reach 6	34	748
1260	Reach 6	34	748
1270	Reach 6	46	1,012
1280	Reach 6	68	1,496
1290	Reach 6	4	88
1310	Reach 6	34	748
1320	Reach 6	32	704
1330	Reach 6	70	1,540
1340	Reach 6	34	748



Sch Act	Feature	One-Way Trips/Day	Mi/Day
1350	Reach 6	34	748
1360	Reach 6	32	704
1390	Reach 6	14	308
1400	Reach 6	72	1,584
1410	Reach 6	72	1,584
1450	Reach 6	36	792
1460	Reach 6	34	748
1650	Reach 6	40	880
1660	Reach 6	40	880
1880	Reach 6	68	1,496
1890	Reach 6	44	968
2010	Reach 6	10	220
2030	Reach 6	4	88
2033	Reach 6	62	1,364
2040	Reach 6	34	748
2043	Reach 6	138	3,036
2050	Reach 6	52	1,144
2053	Reach 6	18	396
2060	Reach 6	38	836
2063	Reach 6	46	1,012
2070	Reach 6	60	1,320
2073	Reach 6	32	704
2080	Reach 6	4	88
2083	Reach 6	18	396
2093	Reach 6	46	1,012
2103	Reach 6	32	704
2110	Reach 6	44	968
2113	Reach 6	28	616
2123	Reach 6	62	1,364
2133	Reach 6	138	3,036
2143	Reach 6	76	1,672
2163	Reach 6	32	704
2173	Reach 6	18	396
2183	Reach 6	44	968
2193	Reach 6	32	704
2203	Reach 6	32	704
2213	Reach 6	62	1,364
2233	Reach 6	62	1,364
2303	Reach 6	62	1,364
2313	Reach 6	10	220
2323	Reach 6	62	1,364
2333	Reach 6	72	1,584
2353	Reach 6	72	1,584
1020	Reaches 123	18	382
1020	Reaches 123	6	127
1030	Reaches 123	102	2,162
1040	Reaches 123	18	382
1050	Reaches 123	54	1,145
1060	Reaches 123	44	933
1070	Reaches 123	4	85
1100	Reaches 123	40	848
1110	Reaches 123	54	1,145
1120	Reaches 123	18	382
1130	Reaches 123	34	721
1140	Reaches 123	40	848
1160	Reaches 123	44	933
1170	Reaches 123	18	382

Sch Act	Feature	One-Way Trips/Day	Mi/Day
1170	Reaches 123	6	127
1180	Reaches 123	102	2,162
1190	Reaches 123	18	382
1200	Reaches 123	28	594
1210	Reaches 123	54	1,145
1220	Reaches 123	44	933
1230	Reaches 123	54	1,145
1240	Reaches 123	12	254
1250	Reaches 123	34	721
1260	Reaches 123	34	721
1270	Reaches 123	44	933
1280	Reaches 123	68	1,442
1290	Reaches 123	4	85
1310	Reaches 123	34	721
1320	Reaches 123	40	848
1330	Reaches 123	40	848
1340	Reaches 123	38	806
1390	Reaches 123	14	297
1650	Reaches 123	46	975
1660	Reaches 123	44	933
1670	Reaches 123	60	1,272
1880	Reaches 123	68	1,442
1890	Reaches 123	62	1,314
1900	Reaches 123	68	1,442
1910	Reaches 123	52	1,102
2010	Reaches 123	6	127
2030	Reaches 123	4	85
2033	Reaches 123	60	1,272
2040	Reaches 123	48	1,018
2043	Reaches 123	136	2,883
2050	Reaches 123	32	678
2053	Reaches 123	18	382
2060	Reaches 123	44	933
2063	Reaches 123	46	975
2070	Reaches 123	60	1,272
2073	Reaches 123	2	42
2080	Reaches 123	6	127
2083	Reaches 123	108	2,290
2093	Reaches 123	14	297
2110	Reaches 123	54	1,145
2113	Reaches 123	10	212
2123	Reaches 123	60	1,272
2133	Reaches 123	156	3,307
2153	Reaches 123	92	1,950
2193	Reaches 123	34	721
2203	Reaches 123	10	212
2213	Reaches 123	60	1,272
2233	Reaches 123	60	1,272
2243	Reaches 123	18	382
2253	Reaches 123	130	2,756
2263	Reaches 123	46	975
2283	Reaches 123	68	1,442
2303	Reaches 123	40	848
2313	Reaches 123	34	721
2323	Reaches 123	40	848
2343	Reaches 123	40	848
2363	Reaches 123	40	848

Sch Act	Feature	One-Way Trips/Day	Mi/Day
2373	Reaches 123	40	848
2393	Reaches 123	50	1,060
2403	Reaches 123	92	1,950
2413	Reaches 123	142	3,010
2453	Reaches 123	72	1,526
2463	Reaches 123	72	1,526
2473	Reaches 123	34	721
1114	Temporary Power	20	426
1115	Temporary Power	20	440
1116	Temporary Power	20	440
1117	Temporary Power	20	466
1111	Temporary Power	23	475
1112	Temporary Power	23	475
1113	Temporary Power	23	475
51030	Bridges <sup>b</sup>	56	1,233
51050	Bridges <sup>b</sup>	95	2,090
51060	Bridges <sup>b</sup>	22	490
51070	Bridges <sup>b</sup>	3	55
51110	Bridges <sup>b</sup>	150	3,280
51120	Bridges <sup>b</sup>	355	7,783
51130	Bridges <sup>b</sup>	779	17,071
51131	Bridges <sup>b</sup>	247	5,417
20020	Canals <sup>b</sup>	146	3,201
20030	Canals <sup>b</sup>	76	1,666
20035	Canals <sup>b</sup>	8	175
20040	Canals <sup>b</sup>	6	132
20050	Canals <sup>b</sup>	142	3,113
20110	Canals <sup>b</sup>	14	307
20120	Canals <sup>b</sup>	158	3,464
20130	Canals <sup>b</sup>	196	4,297
20150	Canals <sup>b</sup>	266	5,832
20170	Canals <sup>b</sup>	96	2,105
20210	Canals <sup>b</sup>	72	1,579
20220	Canals <sup>b</sup>	74	1,622
20230	Canals <sup>b</sup>	26	570
20300	Canals <sup>b</sup>	84	1,842
9003	Dredge <sup>b</sup>	18	424
9004	Dredge <sup>b</sup>	31	718
9005	Dredge <sup>b</sup>	79	1,834
9006	Dredge <sup>b</sup>	3	75
9007	Dredge <sup>b</sup>	80	1,862
9008	Dredge <sup>b</sup>	28	652
9009	Dredge <sup>b</sup>	57	1,331
11111	Head of Old River Barrier <sup>b</sup>	30	658
11112	Head of Old River Barrier <sup>b</sup>	30	658
11113	Head of Old River Barrier <sup>b</sup>	40	877
6030	Pipelines <sup>b</sup>	62	1,308
6040	Pipelines <sup>b</sup>	18	380
6050	Pipelines <sup>b</sup>	24	506
6060	Pipelines <sup>b</sup>	6	127
6070	Pipelines <sup>b</sup>	6	127
6110	Pipelines <sup>b</sup>	146	3,081
6120	Pipelines <sup>b</sup>	50	1,055
6130	Pipelines <sup>b</sup>	70	1,477
6140	Pipelines <sup>b</sup>	104	2,194
6150	Pipelines <sup>b</sup>	252	5,317
6160	Pipelines <sup>b</sup>	66	1,393

Sch Act	Feature	One-Way Trips/Day	Mi/Day
10045	Intermediate Pump Plant <sup>b</sup>	22	465
10060	Intermediate Pump Plant <sup>b</sup>	66	1,414
10065	Intermediate Pump Plant <sup>b</sup>	9	184
10085	Intermediate Pump Plant <sup>b</sup>	14	305
10105	Intermediate Pump Plant <sup>b</sup>	151	3,206
10110	Intermediate Pump Plant <sup>b</sup>	51	1,086
10115	Intermediate Pump Plant <sup>b</sup>	136	2,902
10120	Intermediate Pump Plant <sup>b</sup>	47	991
10130	Intermediate Pump Plant <sup>b</sup>	251	5,340
10135	Intermediate Pump Plant <sup>b</sup>	22	469
10140	Intermediate Pump Plant <sup>b</sup>	47	994
10145	Intermediate Pump Plant <sup>b</sup>	69	1,460
10150	Intermediate Pump Plant <sup>b</sup>	54	1,159
10155	Intermediate Pump Plant <sup>b</sup>	37	788
10160	Intermediate Pump Plant <sup>b</sup>	87	1,861
10170	Intermediate Pump Plant <sup>b</sup>	37	778
10200	Intermediate Pump Plant <sup>b</sup>	204	4,344
10300	Intermediate Pump Plant <sup>b</sup>	82	1,747
10350	Intermediate Pump Plant <sup>b</sup>	157	3,334
1045	Pump Plants <sup>b</sup>	22	464
1065	Pump Plants <sup>b</sup>	2	42
1085	Pump Plants <sup>b</sup>	6	127
2605	Pump Plants <sup>b</sup>	98	2,068
2610	Pump Plants <sup>b</sup>	102	2,152
2615	Pump Plants <sup>b</sup>	64	1,350
2620	Pump Plants <sup>b</sup>	50	1,055
2630	Pump Plants <sup>b</sup>	34	717
2635	Pump Plants <sup>b</sup>	154	3,249
2640	Pump Plants <sup>b</sup>	70	1,477
2645	Pump Plants <sup>b</sup>	36	760
2650	Pump Plants <sup>b</sup>	34	717
2655	Pump Plants <sup>b</sup>	28	591
2665	Pump Plants <sup>b</sup>	36	760
2670	Pump Plants <sup>b</sup>	38	802
2675	Pump Plants <sup>b</sup>	56	1,182
2680	Pump Plants <sup>b</sup>	46	971
2685	Pump Plants <sup>b</sup>	26	549
3605	Pump Plants <sup>b</sup>	82	1,730
3610	Pump Plants <sup>b</sup>	108	2,279
3615	Pump Plants <sup>b</sup>	62	1,308
3620	Pump Plants <sup>b</sup>	44	928
3630	Pump Plants <sup>b</sup>	34	717
3635	Pump Plants <sup>b</sup>	96	2,026
3640	Pump Plants <sup>b</sup>	70	1,477
3645	Pump Plants <sup>b</sup>	40	844
3650	Pump Plants <sup>b</sup>	40	844
3655	Pump Plants <sup>b</sup>	28	591
3665	Pump Plants <sup>b</sup>	36	760
3670	Pump Plants <sup>b</sup>	38	802
3675	Pump Plants <sup>b</sup>	56	1,182
3680	Pump Plants <sup>b</sup>	42	886
3685	Pump Plants <sup>b</sup>	20	422
5605	Pump Plants <sup>b</sup>	66	1,393
5610	Pump Plants <sup>b</sup>	90	1,899
5615	Pump Plants <sup>b</sup>	52	1,097
5620	Pump Plants <sup>b</sup>	48	1,013
5630	Pump Plants <sup>b</sup>	34	717

Sch Act	Feature	One-Way Trips/Day	Mi/Day
5635	Pump Plants <sup>b</sup>	96	2,026
5640	Pump Plants <sup>b</sup>	70	1,477
5645	Pump Plants <sup>b</sup>	48	1,013
5650	Pump Plants <sup>b</sup>	40	844
5655	Pump Plants <sup>b</sup>	28	591
5665	Pump Plants <sup>b</sup>	36	760
5670	Pump Plants <sup>b</sup>	38	802
5675	Pump Plants <sup>b</sup>	56	1,182
5680	Pump Plants <sup>b</sup>	22	464
5685	Pump Plants <sup>b</sup>	20	422
89030	Siphons <sup>b</sup>	21	460
89040	Siphons <sup>b</sup>	36	799
89050	Siphons <sup>b</sup>	74	1,625
89060	Siphons <sup>b</sup>	15	327
89070	Siphons <sup>b</sup>	2	49
89111	Siphons <sup>b</sup>	181	3,979
89112	Siphons <sup>b</sup>	36	788
89120	Siphons <sup>b</sup>	256	5,604
89130	Siphons <sup>b</sup>	48	1,053
89141	Siphons <sup>b</sup>	166	3,632
89142	Siphons <sup>b</sup>	34	756
89150	Siphons <sup>b</sup>	217	4,767
89160	Siphons <sup>b</sup>	29	634

<sup>a</sup> Geotechnical explorations would only be conducted for Alternative 4.

<sup>b</sup> Feature would only be constructed under certain alternatives.

1

## 2 Table 22B-9. As-Needed Vehicle Inventory

Sch Act	Feature	One-Way Trips/Day	Mi/Day
Feature	Clifton Court Forebay	20	200
Feature	Intakes	20	200
Feature	Intermediate Forebay	20	200
Feature	Permeant Power	20	200
Feature	Reach 7/Combined Pump Plant	20	200
Feature	Reach 4	20	200
Feature	Reach 5	20	200
Feature	Reach 6	20	200
Feature	Reaches 123	20	200
Feature	Temporary Power	20	200
Feature	Temporary Power	20	200
Feature	Temporary Power	20	200
Feature	Temporary Power	20	200
Feature	Temporary Power	20	200
Feature	Temporary Power	20	200
Feature	Bridges <sup>a</sup>	20	200
Feature	Canals <sup>a</sup>	20	200
Feature	Dredge <sup>a</sup>	20	200
Feature	HORB <sup>a</sup>	20	200
Feature	Pipelines <sup>a</sup>	20	200
Feature	Intermediate Pump Plant <sup>a</sup>	20	200
Feature	Pump Plant <sup>a</sup>	20	200
Feature	Siphons <sup>a</sup>	20	200

<sup>a</sup> Feature would only be constructed under certain alternatives.

3

1 **Table 22B-10. Equipment and Material Hauling Inventory**

Trip Type	Feature	One-Way Trips/Day	Mi/Day
Delivery	Clifton Court Forebay	300	19,500
Delivery	Intakes	300	30,000
Delivery	Intermediate Forebay	300	27,000
Delivery	Permeant Power	50	3,250
Delivery	Reach 7/Combined Pump Plant	300	19,500
Delivery	Reach 4	300	27,000
Delivery	Reach 5	300	22,500
Delivery	Reach 6	300	22,500
Delivery	Reaches123	300	30,000
Delivery	Temporary Power	100	9,000
Delivery	Temporary Power	100	7,500
Delivery	Temporary Power	100	7,500
Delivery	Temporary Power	100	6,500
Delivery	Temporary Power	100	10,000
Delivery	Temporary Power	100	10,000
Delivery	Temporary Power	100	10,000
Segment Haul <sup>a</sup>	Bouldin	63	3,457
Segment Haul <sup>a</sup>	Bouldin	63	2,451
Segment Haul <sup>a</sup>	Bouldin	63	1,760
Segment Haul <sup>a</sup>	Clifton Court Forebay	41	3,450
Segment Haul <sup>a</sup>	Clifton Court Forebay	41	1,109
Segment Haul <sup>a</sup>	Intake	9	514
Segment Haul <sup>a</sup>	Intake	9	1,113
Segment Haul <sup>a</sup>	Intake	9	206
Segment Haul <sup>a</sup>	Intermediate Forebay	121	6,660
Segment Haul <sup>a</sup>	Intermediate Forebay	121	11,141
Segment Haul <sup>a</sup>	Intermediate Forebay	121	2,664
Delivery	Geotechnical Explorations <sup>a</sup>	8	120
Delivery	Bridges <sup>a</sup>	300	23700
Delivery	Canals <sup>a</sup>	300	23700
Delivery	Siphons <sup>a</sup>	300	22,500
Delivery	Intermediate Pump Plant <sup>a</sup>	300	33,000
Delivery	Pipelines <sup>a</sup>	300	45,000
Delivery	Pump Plant <sup>a</sup>	300	45,000

<sup>a</sup> Geotechnical explorations and segment hauling would only be conducted for Alternative 4.  
<sup>b</sup> Feature would only be constructed under certain alternatives.

2

3 **Table 22B-11. Helicopter Inventory**

Sch Act	Feature	#/day	Hrs/day/Eq
9999	Permeant Power	2	4
1114	Temporary Power	2	4
1115	Temporary Power	2	4
1116	Temporary Power	2	4
1117	Temporary Power	2	4

4

5 **Table 22B-12. Helicopter Emission Factors (grams per hour)**

Type	ROG	NO <sub>x</sub>	CO	PM10	PM2.5	SO <sub>2</sub>	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
MD 500D/E	97	10	417	439	439	6	75661	0	2

Source: EDMS

6

1 Table 22B-13. Maximum Daily and Total Acres and Material (cubic yards) Disturbed

Sch ID	Feature	Max Daily				Total			
		Strip (Acres)	Borrow (CY)	Excavate (CY)	Dredging (CY)	Strip (Acres)	Borrow (CY)	Excavate (CY)	Dredging (CY)
8004g	Clifton Court Forebay	0	240	6	0	0	57,927	1,524	0
8006g	Clifton Court Forebay	0	0	43	0	0	0	43,111	0
8010g	Clifton Court Forebay	7	2,962	83	0	71	737,500	20,670	0
8012g	Clifton Court Forebay	7	2,927	82	0	225	737,500	20,670	0
8015g	Clifton Court Forebay	7	2,591	73	0	29	655,556	18,373	0
8025g	Clifton Court Forebay	7	403	28	4,677	600	612,000	42,000	7,100,000
8030g	Clifton Court Forebay	7	4,486	132	0	60	1,372,667	40,402	0
8040g	Clifton Court Forebay	7	5,193	152	0	56	1,303,334	38,115	0
8045g	Clifton Court Forebay	7	4,154	121	0	46	1,042,666	30,492	0
8050g	Clifton Court Forebay	0	1,136	30	0	0	115,854	3,049	0
8060g	Clifton Court Forebay	0	116	30	0	0	11,584	3,049	0
8090g	Clifton Court Forebay	0	63	35	0	0	6,750	3,800	0
8092g	Clifton Court Forebay	0	409	46	0	0	45,000	5,080	0
8111g	Clifton Court Forebay	0	0	28	0	0	0	3,000	0
8131g	Clifton Court Forebay	0	0	106	0	0	0	11,045	0
8140g	Clifton Court Forebay	0	0	166	0	0	0	17,268	0
205g	Intakes	7	168	18	0	51	51,000	5,400	0
205g	Intakes	0	0	253	0	0	0	76,852	0
206g	Intakes	0	0	104	0	0	0	11,200	0
209g	Intakes	7	8,996	0	0	89	1,439,369	0	0
213g	Intakes	0	0	2,187	0	0	0	87,474	0
253g	Intakes	0	0	8,677	0	0	0	2,186,601	0
305g	Intakes	7	199	24	0	57	51,000	6,171	0
305g	Intakes	0	0	311	0	0	0	79,582	0
306g	Intakes	0	0	81	0	0	0	8,800	0
309g	Intakes	7	8,983	0	0	89	1,437,254	0	0
313g	Intakes	0	0	1,115	0	0	0	75,793	0
353g	Intakes	0	0	16,449	0	0	0	2,105,519	0
365g	Intakes	0	0	324	0	0	0	77,855	0
505g	Intakes	7	109	10	0	57	33,000	3,005	0
505g	Intakes	0	0	160	0	0	0	48,736	0
506g	Intakes	0	0	104	0	0	0	11,200	0
509g	Intakes	7	8,867	0	0	88	1,418,731	0	0
513g	Intakes	0	0	2,249	0	0	0	89,973	0
553g	Intakes	0	0	8,387	0	0	0	1,979,371	0
7004g	Intermediate Forebay	0	690	18	0	0	57,923	1,524	0
7010g	Intermediate Forebay	7	6,594	0	0	150	4,285,810	0	0
7020g	Intermediate Forebay	0	0	51	0	0	0	6,600	0
7050g	Intermediate Forebay	0	0	200	0	0	0	25,951	0
2043g	Reach 7/Combined Pump Plant	7	355	39	0	9	55,000	6,000	0
2060g	Reach 7/Combined Pump Plant	7	7,200	494	0	600	612,000	42,000	0
2133g	Reach 7/Combined Pump Plant	7	484	42	0	10	75,000	6,560	0
2313g	Reach 7/Combined Pump Plant	7	779	2	0	10	155,714	305	0
7510g	Reach 7/Combined Pump Plant	0	3,167	83	0	0	190,000	5,000	0
7530g	Reach 7/Combined Pump Plant	7	4,515	0	0	37	397,320	0	0
7535g	Reach 7/Combined Pump Plant	7	6,522	0	0	26	600,000	0	0
7730g	Reach 7/Combined Pump Plant	0	125	0	0	0	7,500	0	0
7785g	Reach 7/Combined Pump Plant	0	125	0	0	0	7,500	0	0
7820g	Reach 7/Combined Pump Plant	0	0	700	0	0	0	28,000	0
7830g	Reach 7/Combined Pump Plant	0	325	0	0	0	6,500	0	0
7930g	Reach 7/Combined Pump Plant	0	0	15	0	0	0	1,000	0
2043g	Reach 4	7	302	38	0	8	46,833	5,833	0
2050g	Reach 4	2	215	167	0	2	55,000	42,686	0

Sch ID	Feature	Max Daily				Total			
		Strip (Acres)	Borrow (CY)	Excavate (CY)	Dredging (CY)	Strip (Acres)	Borrow (CY)	Excavate (CY)	Dredging (CY)
2060g	Reach 4	7	7,318	353	0	650	622,000	30,000	0
2203g	Reach 4	0	0	429	0	0	0	30,000	0
2233g	Reach 4	7	302	38	0	8	46,833	5,833	0
1015g	Reach 5	7	498	64	0	8	43,857	5,652	0
2043g	Reach 5	5	265	35	0	5	41,000	5,500	0
2060g	Reach 5	7	5,071	348	0	310	431,000	29,578	0
1090g	Reach 6	0	90	12	0	0	10,000	1,341	0
1330g	Reach 6	0	90	12	0	0	10,000	1,341	0
1450g	Reach 6	2	1,444	0	0	2	26,000	0	0
1460g	Reach 6	2	1,389	0	0	2	25,000	0	0
2043g	Reach 6	5	265	35	0	5	41,000	5,500	0
2050g	Reach 6	5	476	21	0	5	120,000	5,229	0
2060g	Reach 6	7	7,200	494	0	600	612,000	42,000	0
2133g	Reach 6	5	490	48	0	5	76,000	7,500	0
2313g	Reach 6	3	743	0	0	3	52,000	0	0
2043g	Reaches 123	4	279	36	0	4	21,500	2,750	0
2050g	Reaches 123	2	217	7	0	2	55,000	1,800	0
2060g	Reaches 123	7	7,318	502	0	650	622,000	42,686	0
2083g	Reaches 123	4	279	36	0	4	21,500	2,750	0
2113g	Reaches 123	0	0	500	0	0	0	30,000	0
2133g	Reaches 123	0	353	33	0	0	27,200	2,550	0
2203g	Reaches 123	0	0	333	0	0	0	20,000	0
2403g	Reaches 123	4	211	27	0	4	21,500	2,750	0
2413g	Reaches 123	7	477	64	0	8	41,000	5,500	0
2453g	Reaches 123	0	26	1	0	0	2,857	152	0
2463g	Reaches 123	0	26	1	0	0	2,857	152	0
1114g	Temporary Power	0	0	0	0	179	0	0	0
1115g	Temporary Power	0	0	0	0	112	0	0	0
1116g	Temporary Power	0	0	0	0	112	0	0	0
1117g	Temporary Power	0	0	0	0	112	0	0	0
1111g	Temporary Power	0	0	0	0	112	0	0	0
1112g	Temporary Power	0	0	0	0	112	0	0	0
1113g	Temporary Power	0	0	0	0	112	0	0	0
11111g	Head of Old River Barrier <sup>a</sup>	5	0	0	0	5	0	0	0
11112g	Head of Old River Barrier <sup>a</sup>	5	0	0	0	5	0	0	0
11113g	Head of Old River Barrier <sup>a</sup>	5	0	0	0	5	0	0	0
6040g	Pipelines <sup>a</sup>	0	1,100	71	0	0	52,800	3,429	0
6110g	Pipelines <sup>a</sup>	7	3,636	6,153	0	40	552,720	935,200	0
6120g	Pipelines <sup>a</sup>	0	134	420	0	0	9,128	28,559	0
6130g	Pipelines <sup>a</sup>	0	589	907	0	0	106,080	163,221	0
6140g	Pipelines <sup>a</sup>	0	231	421	0	0	44,391	80,754	0
6150g	Pipelines <sup>a</sup>	0	208	208	0	0	27,440	27,440	0
6160g	Pipelines <sup>a</sup>	0	193	510	0	0	58,000	153,000	0
51110g	Bridges <sup>a</sup>	0	0	21	0	0	0	500	0
51131g	Bridges <sup>a</sup>	0	2,193	0	0	0	70,177	0	0
10105g	Intermediate Pump Plant <sup>a</sup>	7	0	4,625	0	15	0	37,000	0
10110g	Intermediate Pump Plant <sup>a</sup>	0	2,386	0	0	0	315,000	0	0
10115g	Intermediate Pump Plant <sup>a</sup>	0	17,200	6,643	0	0	1,204,000	465,000	0
10200g	Intermediate Pump Plant <sup>a</sup>	0	1,730	520	0	0	166,099	49,905	0
10300g	Intermediate Pump Plant <sup>a</sup>	0	85	303	0	0	45,798	163,500	0
10350g	Intermediate Pump Plant <sup>a</sup>	0	0	501	0	0	0	128,278	0
2605g	Pump Plant <sup>a</sup>	7	0	0	0	16	0	0	0
2610g	Pump Plant <sup>a</sup>	7	6,772	0	0	24	440,168	0	0
2620g	Pump Plant <sup>a</sup>	0	0	2,323	0	0	0	27,877	0
2670g	Pump Plant <sup>a</sup>	0	76	238	0	0	9,128	28,561	0



Sch ID	Feature	Max Daily				Total			
		Strip (Acres)	Borrow (CY)	Excavate (CY)	Dredging (CY)	Strip (Acres)	Borrow (CY)	Excavate (CY)	Dredging (CY)
2675g	Pump Plant <sup>a</sup>	0	100	150	0	0	4,000	6,000	0
3605g	Pump Plant <sup>a</sup>	7	0	0	0	32	0	0	0
3610g	Pump Plant <sup>a</sup>	7	0	13,188	0	47	0	857,233	0
3620g	Pump Plant <sup>a</sup>	0	4,022	0	0	0	48,264	0	0
3670g	Pump Plant <sup>a</sup>	0	476	152	0	0	57,122	18,256	0
3675g	Pump Plant <sup>a</sup>	0	300	200	0	0	12,000	8,000	0
89040g	Siphons <sup>a</sup>	0	1,810	48	0	0	14,482	381	0
89112g	Siphons <sup>a</sup>	0	0	1,618	0	0	0	218,375	0
89142g	Siphons <sup>a</sup>	0	0	1,681	0	0	0	210,147	0
89160g	Siphons <sup>a</sup>	0	201	0	0	0	18,532	0	0
20050g	Canals <sup>a</sup>	0	2,536	2,536	0	0	1,633,133	1,633,133	0
20110g	Canals <sup>a</sup>	7	0	0	0	9,652	0	0	0
20120g	Canals <sup>a</sup>	0	22,673	30,431	0	0	20,065,379	26,931,635	0
20130g	Canals <sup>a</sup>	0	6,112	45,528	0	0	5,470,370	40,747,507	0
20150g	Canals <sup>a</sup>	7	48,404	16,032	0	16,988	35,238,416	11,671,373	0
20210g	Canals <sup>a</sup>	0	3,665	3,187	0	0	1,891,042	1,644,384	0
20220g	Canals <sup>a</sup>	0	0	2,448	0	0	0	1,263,420	0
9004g	Dredge <sup>a</sup>	0	603	16	0	0	14,482	381	0
9007g	Dredge <sup>a</sup>	7	6,375	438	0	600	612,000	42,000	0
9008g	Dredge <sup>a</sup>	0	11,452	0	0	0	7,100,000	0	0

<sup>a</sup> Feature would only be constructed under certain alternatives.

1

## 2 Table 22B-14. Earthmoving Emission Factors (pounds per acre and pounds per ton)

Air District	Grading (lb/ac)		Loading (lb/ton) (12% moisture)		Loading (lb/ton) (40% moisture)	
	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
SMAQMD	1.54	0.17	0.0019	0.0005	0.0017	0.0005
BAAQMD	1.54	0.17	0.0018	0.0005	0.0017	0.0005
SJVAPCD	1.54	0.17	0.0018	0.0005	0.0018	0.0005
61% Reduction (Environmental Commitment)						
SMAQMD	0.60	0.06	0.0007	0.0002	0.0007	0.0002
BAAQMD	0.60	0.06	0.0007	0.0002	0.0007	0.0002
SJVAPCD	0.60	0.06	0.0007	0.0002	0.0007	0.0002

Source: CalEEMod, AP-42

3

1 **Table 22B-15. Maximum Daily and Total Square Feet Paved**

Feature	Square Footage	Max SF Paved/Day
Clifton Court Forebay	3,555	54,000
Intakes	630,850	324,000
Intermediate Forebay	737,227	54,000
Reach 7/Combined Pump Plant	25,000	54,000
Reach 7 <sup>a</sup>	127,976	54,000
Reach 6 <sup>a</sup>	225,272	54,000
Clifton Court Forebay <sup>a</sup>	136,432	54,000
Intakes <sup>a</sup>	2,067,217	57,243
Intermediate Forebay <sup>a</sup>	922,027	54,000
Reach 4 <sup>a</sup>	1,729,980	54,000
Reaches 123 <sup>a</sup>	1,287,240	54,000
Bridge <sup>a</sup>	75,200	54,000
Canal <sup>a</sup>	1,868,627	54,000
Intermediate Pump Plant <sup>a</sup>	8,000	8,000
Pipelines <sup>a</sup>	21,000	21,000

<sup>a</sup> Unscaled value for BDCP Alternatives

2

3 **Table 22B-16. Annual Electricity Demand**

Year	Alternative 1A, 2A, 6A	Alternative 7, 8	Alternative 3	Alternative 4	Alternative 5	Alternative 1C, 2C, 6C	Alternative 1B, 2B, 6B	Alternative 9
2016	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0
2018	2,829	2,688	2,618	5,518	1,446	1,568	806	368
2019	16,255	15,445	15,040	20,635	8,308	9,008	4,630	2,115
2020	80,318	76,318	74,318	121,701	41,051	44,508	22,878	10,449
2021	213,837	203,188	197,863	319,387	109,294	118,498	60,910	27,820
2022	300,279	285,325	277,848	445,586	153,475	166,400	85,532	39,066
2023	267,305	253,993	247,337	396,550	136,621	148,127	76,140	34,776
2024	278,819	264,934	257,991	410,648	142,506	154,508	79,419	36,274
2025	188,090	178,723	174,040	280,791	96,134	104,230	53,576	24,470
2026	67,151	63,807	62,134	103,456	34,321	37,212	19,127	8,736
2027	12,826	12,187	11,868	23,441	6,555	7,107	3,653	1,669
2028	339	322	314	4,646	173	188	97	44
2029	10	9	9	23	5	6	3	1
Total	1,428,059	1,356,939	1,321,380	2,132,383	729,890	791,359	406,771	185,788

4

1 **Table 22B-17. Electricity Emission Factors**

Pollutant	Value	Unit	Source
CO <sub>2</sub>	0.277	MT/MWh	EPA 2014
CH <sub>4</sub>	0.000013	MT/MWh	EPA 2014
N <sub>2</sub> O	0.000003	MT/MWh	EPA 2014
SF <sub>6</sub>	0.00000004	MT/MWh	ARB 2014; CEC 2014
NMHC <sup>b</sup>	0.0014	g/kWh	Delucchi 2006
CO	0.0134	g/kWh	Delucchi 2006
NO <sub>x</sub>	0.1836	g/kWh	EPA 2014
PM <sub>10</sub> <sup>c</sup>	0.0155	g/kWh	Delucchi 2006
SO <sub>2</sub>	0.0775	g/kWh	EPA 2014

MT/MWh = metric tons megawatt-hour

g/kWh = grams per kilowatt-hour

NMHC = non-methane hydrocarbons

<sup>a</sup> Neither the EPA nor the University of California, Davis have a published emission factor for SF<sub>6</sub>. Statewide SF<sub>6</sub> emissions in 2012 were therefore used to identify an emission factor per megawatt-hour by dividing total SF<sub>6</sub> emissions by the total electricity generation in California (California Air Resources Board 2014 California Energy Commission 2014)

<sup>b</sup> Emission factor used to quantify ROG (because ROG only represents a fraction of NMHC, this assumption is conservative).

<sup>c</sup> Emission factor used to quantify PM<sub>2.5</sub> (because PM<sub>2.5</sub> only represents a fraction of PM<sub>10</sub>, this assumption is conservative).

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15

1 **Table 22B-18. Concrete Batching Volumes (cubic yards)**

Feature	Alternative 1A, 2A, 6A	Alternative 7, 8	Alternative 3	Alternative 4	Alternative 5	Alternative 1C, 2C, 6C	Alternative 1B, 2B, 6B	Alternative 9
Intakes	3,144,373	1,882,858	1,261,515	<del>437,780</del> <u>1,558</u>	621,343	3,144,373	3,144,373	5,272,002
Pumping Plants	123,129	73,730	49,399	0	24,331	123,129	123,129	49,399
Intermediate Pumping Plant	273,908	273,908	120,520	0	90,390	260,213	273,908	0
Pipelines	62,183	37,310	34,822	0	16,789	110,064	76,485	0
Tunnels	1,250,595	1,094,271	984,844	664,502	969,211	62,530	625,298	0
Intermediate Forebay	206,846	206,846	206,846	0	206,846	0	0	0
Clifton Court Forebay	125,299	125,299	125,299	222,042	125,299	125,299	125,299	0
Siphons	0	0	0	0	0	394,888	370,632	426,906
Canals	0	0	0	0	0	87,049	80,956	13,928
Bridges	0	0	0	0	0	105,063	79,743	15,009
Dredging	0	0	0	0	0	0	0	510
Offsite Segment Production	0	0	0	3,648,416	0	0	0	0
Total	5,186,333	3,694,221	2,783,244	<del>4,972,740</del> <u>1,518</u>	2,054,209	4,412,607	4,899,821	5,777,754

2

3 **Table 22B-19. Concrete Batching Emission Factors (pounds per cubic yard and pounds per acre per day)**  
4

Batching Activity	PM10		PM2.5		CO2		
	Uncontrolled	Controlled	Uncontrolled	Controlled	3,000 PSI	4,000 PSI	7,500 PSI
Batching (lbs/CY)	0.0279	0.009	0.004	0.001	386	470	812
Stockpile erosion (lb/acre/day)	6.3	1.26	0.945	0.189	-	-	-

Source: EPA 2014; SMAQMD 2011; Nisbet, Marceau, and VanGeem 2002; Slag Cement Association 2013

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11 5th Ed. Available: <<http://www.epa.gov/ttnchie1/ap42/>>. Accessed: February 23, 2015.

1 **Table 22B-20. RPS Adjusted Electricity Emission Factors**

Pollutant	Value	Unit	Source
CO <sub>2</sub>	0.215	MT/MWh	EPA 2014
CH <sub>4</sub>	0.000010	MT/MWh	EPA 2014
N <sub>2</sub> O	0.000002	MT/MWh	EPA 2014
SF <sub>6</sub> <sup>a</sup>	0.00000004	MT/MWh	ARB 2014; CEC 2014

MT/MWh = metric tons megawatt-hour

<sup>a</sup> SF<sub>6</sub> emissions are not affected by implementation of the RPS.

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1 **Table 22B-21. Features by Air District and Air Basin (MPTO)**

Feature	Air District		
		<b>Number of exploration holes</b>	<b>Number of exploration holes</b>
Geotech	YSAQMD	0	0%
Geotech	SMAQMD	455	34%
Geotech	SJVAPCD	659	50%
Geotech	BAAQMD	216	16%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intakes	YSAQMD	0	0%
Intakes	SMAQMD	3	100%
Intakes	SJVAPCD	0	0%
Intakes	BAAQMD	0	0%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intermediate Forebay	YSAQMD	0	0%
Intermediate Forebay	SMAQMD	1	100%
Intermediate Forebay	SJVAPCD	0	0%
Intermediate Forebay	BAAQMD	0	0%
		<b>Tunnel miles</b>	<b>Tunnel miles</b>
Reach123	YSAQMD	-	0
Reach123	SMAQMD	-	100%
Reach123	SJVAPCD	-	0
Reach123	BAAQMD	-	0
Reach4	YSAQMD	0	0%
Reach4	SMAQMD	7	40%
Reach4	SJVAPCD	11	60%
Reach4	BAAQMD	0	0%
Reach5	YSAQMD	-	0
Reach5	SMAQMD	-	100%
Reach5	SJVAPCD	-	0
Reach5	BAAQMD	-	0
Reach6	YSAQMD	-	0
Reach6	SMAQMD	-	100%
Reach6	SJVAPCD	-	0
Reach6	BAAQMD	-	0
Reach7	YSAQMD	0	0%
Reach7	SMAQMD	0	0%
Reach7	SJVAPCD	16	94%
Reach7	BAAQMD	1	6%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Clifton Court Forebay	YSAQMD	0	0%
Clifton Court Forebay	SMAQMD	0	0%
Clifton Court Forebay	SJVAPCD	0	0%
Clifton Court Forebay	BAAQMD	1	100%
Combined Pumping Plant	YSAQMD	0	0%
Combined Pumping Plant	SMAQMD	0	0%
Combined Pumping Plant	SJVAPCD	0	0%
Combined Pumping Plant	BAAQMD	1	100%
		<b>Line miles</b>	<b>Line miles</b>
Temporary Power 69kV	YSAQMD	0	0%
Temporary Power 69kV	SMAQMD	20	55%
Temporary Power 69kV	SJVAPCD	16	45%
Temporary Power 69kV	BAAQMD	0	0%
Temporary Power 230kV	YSAQMD	0	0%
Temporary Power 230kV	SMAQMD	20	55%
Temporary Power 230kV	SJVAPCD	16	45%
Temporary Power 230kV	BAAQMD	0	0%
Permeant Power 230/500kV	YSAQMD	0	0%
Permeant Power 230/500kV	SMAQMD	0	0%
Permeant Power 230/500kV	SJVAPCD	2	10%
Permeant Power 230/500kV	BAAQMD	16	90%

1 Table 22B-22. Features by Air District and Air Basin (PTO)

Feature	Air District		
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intakes	YSAQMD	0	0%
Intakes	SMAQMD	5	100%
Intakes	SJVAPCD	0	0%
Intakes	BAAQMD	0	0%
Intermediate Forebay	YSAQMD	0	0%
Intermediate Forebay	SMAQMD	1	100%
Intermediate Forebay	SJVAPCD	0	0%
Intermediate Forebay	BAAQMD	0	0%
		<b>Tunnel miles</b>	<b>Tunnel miles</b>
Reach123	YSAQMD	0	0%
Reach123	SMAQMD	10	100%
Reach123	SJVAPCD	0	0%
Reach123	BAAQMD	0	0%
Reach4	YSAQMD	0	0%
Reach4	SMAQMD	5	100%
Reach4	SJVAPCD	0	0%
Reach4	BAAQMD	0	0%
Reach5	YSAQMD	0	0%
Reach5	SMAQMD	0	6%
Reach5	SJVAPCD	6	94%
Reach5	BAAQMD	0	0%
Reach6	YSAQMD	0	0%
Reach6	SMAQMD	0	0%
Reach6	SJVAPCD	6	100%
Reach6	BAAQMD	0	0%
Reach7,8	YSAQMD	0	0%
Reach7,8	SMAQMD	0	0%
Reach7,8	SJVAPCD	9	80%
Reach7,8	BAAQMD	2	20%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Clifton Court Forebay	YSAQMD	0	0%
Clifton Court Forebay	SMAQMD	0	0%
Clifton Court Forebay	SJVAPCD	0	0%
Clifton Court Forebay	BAAQMD	1	100%
		<b>Line miles</b>	<b>Line miles</b>
Temporary Power 69kV	YSAQMD	0	0%
Temporary Power 69kV	SMAQMD	13	51%
Temporary Power 69kV	SJVAPCD	8	33%
Temporary Power 69kV	BAAQMD	4	16%
Permeant Power 230/500kV	YSAQMD	0	0%
Permeant Power 230/500kV	SMAQMD	13	31%
Permeant Power 230/500kV	SJVAPCD	23	55%
Permeant Power 230/500kV	BAAQMD	6	15%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Pumping Plants	YSAQMD	0	0%
Pumping Plants	SMAQMD	5	100%
Pumping Plants	SJVAPCD	0	0%
Pumping Plants	BAAQMD	0	0%
		<b>Pipeline Miles</b>	<b>Pipeline Miles</b>
Pipelines	YSAQMD	0	0%
Pipelines	SMAQMD	5	100%
Pipelines	SJVAPCD	0	0%
Pipelines	BAAQMD	0	0%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intermediate Pumping Plant	YSAQMD	0	0%
Intermediate Pumping Plant	SMAQMD	1	100%
Intermediate Pumping Plant	SJVAPCD	0	0%
Intermediate Pumping Plant	BAAQMD	0	0%

1 **Table 22B-23. Features by Air District and Air Basin (East)**

Feature	Air District		
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intakes	YSAQMD	0	0%
Intakes	SMAQMD	5	100%
Intakes	SJVAPCD	0	0%
Intakes	BAAQMD	0	0%
		<b>Tunnel miles</b>	<b>Tunnel miles</b>
Tunnels	YSAQMD	0	0%
Tunnels	SMAQMD	1	43%
Tunnels	SJVAPCD	1	52%
Tunnels	BAAQMD	0	5%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Clifton Court Forebay	YSAQMD	0	0%
Clifton Court Forebay	SMAQMD	0	0%
Clifton Court Forebay	SJVAPCD	0	0%
Clifton Court Forebay	BAAQMD	1	100%
		<b>Line miles</b>	<b>Line miles</b>
Temporary Power 69kV	YSAQMD	0	0%
Temporary Power 69kV	SMAQMD	0	0%
Temporary Power 69kV	SJVAPCD	12	86%
Temporary Power 69kV	BAAQMD	2	14%
Permeant Power 230/500kV	YSAQMD	0	0%
Permeant Power 230/500kV	SMAQMD	0	0%
Permeant Power 230/500kV	SJVAPCD	12	75%
Permeant Power 230/500kV	BAAQMD	4	25%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Pumping Plants	YSAQMD	0	0%
Pumping Plants	SMAQMD	5	100%
Pumping Plants	SJVAPCD	0	0%
Pumping Plants	BAAQMD	0	0%
		<b>Pipeline Miles</b>	<b>Pipeline Miles</b>
Pipelines	YSAQMD	0	0%
Pipelines	SMAQMD	3	100%
Pipelines	SJVAPCD	0	0%
Pipelines	BAAQMD	0	0%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intermediate Pumping Plant	YSAQMD	0	0%
Intermediate Pumping Plant	SMAQMD	0	100%
Intermediate Pumping Plant	SJVAPCD	1	0%
Intermediate Pumping Plant	BAAQMD	0	0%
		<b>Canal Miles</b>	<b>Canal Miles</b>
Canals/Channels	YSAQMD	0	0%
Canals/Channels	SMAQMD	11	26%
Canals/Channels	SJVAPCD	30	73%
Canals/Channels	BAAQMD	0.4	1%
		<b>Number of bridges</b>	<b>Number of bridges</b>
Bridges	YSAQMD	0	0%
Bridges	SMAQMD	5	26%
Bridges	SJVAPCD	14	74%
Bridges	BAAQMD	0	0%
		<b>Number of siphons</b>	<b>Number of siphons</b>
Siphons	YSAQMD	0	0%
Siphons	SMAQMD	1	13%
Siphons	SJVAPCD	7	88%
Siphons	BAAQMD	0	0%

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1 **Table 22B-24. Features by Air District and Air Basin (West)**

Feature	Air District		
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intakes	YSAQMD	5	100%
Intakes	SMAQMD	0	0%
Intakes	SJVAPCD	0	0%
Intakes	BAAQMD	0	0%
		<b>Tunnel miles</b>	<b>Tunnel miles</b>
Tunnels	YSAQMD	3	20%
Tunnels	SMAQMD	6	38%
Tunnels	SJVAPCD	0	0%
Tunnels	BAAQMD	7	43%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Clifton Court Forebay	YSAQMD	0	0%
Clifton Court Forebay	SMAQMD	0	0%
Clifton Court Forebay	SJVAPCD	0	0%
Clifton Court Forebay	BAAQMD	1	100%
		<b>Line miles</b>	<b>Line miles</b>
Temporary Power 69kV	YSAQMD	6	45%
Temporary Power 69kV	SMAQMD	5	34%
Temporary Power 69kV	SJVAPCD	0	0%
Temporary Power 69kV	BAAQMD	3	21%
Permeant Power 230/500kV	YSAQMD	17	93%
Permeant Power 230/500kV	SMAQMD	0	0%
Permeant Power 230/500kV	SJVAPCD	0	0%
Permeant Power 230/500kV	BAAQMD	1	7%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Pumping Plants	YSAQMD	5	100%
Pumping Plants	SMAQMD	0	0%
Pumping Plants	SJVAPCD	0	0%
Pumping Plants	BAAQMD	0	0%
		<b>Pipeline Miles</b>	<b>Pipeline Miles</b>
Pipelines	YSAQMD	7	100%
Pipelines	SMAQMD	0	0%
Pipelines	SJVAPCD	0	0%
Pipelines	BAAQMD	0	0%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intermediate Pumping Plant	YSAQMD	1	100%
Intermediate Pumping Plant	SMAQMD	0	0%
Intermediate Pumping Plant	SJVAPCD	0	0%
Intermediate Pumping Plant	BAAQMD	0	0%
		<b>Canal Miles</b>	<b>Canal Miles</b>
Canals/Channels	YSAQMD	16	61%
Canals/Channels	SMAQMD	0	0%
Canals/Channels	SJVAPCD	0	0%
Canals/Channels	BAAQMD	10	39%
		<b>Number of bridges</b>	<b>Number of bridges</b>
Bridges	YSAQMD	6	33%
Bridges	SMAQMD	0	0%
Bridges	SJVAPCD	0	0%
Bridges	BAAQMD	12	67%
		<b>Number of siphons</b>	<b>Number of siphons</b>
Siphons	YSAQMD	3	33%
Siphons	SMAQMD	0	0%
Siphons	SJVAPCD	0	0%
Siphons	BAAQMD	6	67%

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1 **Table 22B-25. Features by Air District and Air Basin (SCO)**

Feature	Air District		
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Intakes	YSAQMD	0	0%
Intakes	SMAQMD	2	100%
Intakes	SJVAPCD	0	0%
Intakes	BAAQMD	0	0%
		<b>Line miles</b>	<b>Line miles</b>
Temporary Power 69kV	YSAQMD	0	0%
Temporary Power 69kV	SMAQMD	4	36%
Temporary Power 69kV	SJVAPCD	7	58%
Temporary Power 69kV	BAAQMD	1	6%
Temporary Power 230kV	YSAQMD	0	0%
Temporary Power 230kV	SMAQMD	0.14	40%
Temporary Power 230kV	SJVAPCD	0.13	36%
Temporary Power 230kV	BAAQMD	0.08	24%
		<b>Location of facility (point source)</b>	<b>Location of facility (point source)</b>
Pumping Plants	YSAQMD	0	0%
Pumping Plants	SMAQMD	0	0%
Pumping Plants	SJVAPCD	2	100%
Pumping Plants	BAAQMD	0	0%
Head of Old River Barrier	YSAQMD	0	0%
Head of Old River Barrier	SMAQMD	0	0%
Head of Old River Barrier	SJVAPCD	1	100%
Head of Old River Barrier	BAAQMD	0	0%
		<b>Canal Miles</b>	<b>Canal Miles</b>
Canals/Channels	YSAQMD	0	0%
Canals/Channels	SMAQMD	0	0%
Canals/Channels	SJVAPCD	0.77	38%
Canals/Channels	BAAQMD	1.29	62%
		<b>Number of bridges</b>	<b>Number of bridges</b>
Bridges	YSAQMD	0	0%
Bridges	SMAQMD	2	50%
Bridges	SJVAPCD	0	0%
Bridges	BAAQMD	2	50%
		<b>Number of siphons</b>	<b>Number of siphons</b>
Siphons/Gates/Barriers	YSAQMD	0	0%
Siphons/Gates/Barriers	SMAQMD	0	0%
Siphons/Gates/Barriers	SJVAPCD	6	67%
Siphons/Gates/Barriers	BAAQMD	3	33%
		<b>Location of dredging</b>	<b>Number of siphons</b>
Dredging	YSAQMD	0	0%
Dredging	SMAQMD	0	0%
Dredging	SJVAPCD	1	50%
Dredging	BAAQMD	1	50%

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3 **Table 22B-26. Routine O&M Assumptions**

Crew Type	Number of Employees	Vehicles (number)	Equipment (number)
Maintenance	5	Crew Truck (3)	Compressor (1)
		Foreman Truck (1)	Welder (1)
		Supervisor Truck (1)	Generator (1)
Management	3		-
Repair	8	Crew Truck (4)	Backhoe (1)
			Compressor (1)
			Welder (1)
		Foreman Truck (1)	Generator (1)
		Dump Truck (1)	Offroad truck (1)
Operating	9	Crew Truck (2)	-

1 **Table 22B-27. Yearly O&M Assumptions**

O&M Type	Number of Employees	Vehicles (number)	Equipment (number)
Annual Inspections	6 (inspection crew)	Crew truck (2) Electric vehicle (4) <sup>a</sup>	Crane (1)
			Compressor (1)
			Generator (1)
Sediment Removal	11 (sediment crew)	Crew truck (4) Dump truck (5)	Electric ROV (1) <sup>a</sup>
			Suction Dredge (1)
			Loader (1)
Tunnel Dewatering	18 (inspection crew)	Crew truck (6)	Crane (1)
			Electric Dewater Pumps (5) <sup>a</sup>
			Air pumps (4)
			Skid-steer loader (1)
			Compressor (1)
			Generator (1)
			Man-lift (1)
Water truck (1)			

<sup>a</sup> Emissions associated with these vehicles are included in the electricity analysis

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3 **Table 22B-28. Annual SWP and CVP Pumping Electricity Consumption (GWh per year)**

Alt	SWP (GWh, relative to existing)		CVP (GWh, relative to No Action)	
	Early	Late	Late	Long
Alt 1A	1,336		708	167
Alt 1B	1,218		593	167
Alt 1C	1,350		714	167
Alt 2A	669		227	103
Alt 2B	528		89	103
Alt 2C	667		221	103
Alt 3	1,034		425	153
Alt 4 H1	772		310	134
Alt 4 H2	-32		-438	44
Alt 4 (H3)	332		-108	83
Alt 4 H4	-436		-835	-5
Alt 5	137		-400	57
Alt 6A	-1,019		-1,428	-113
Alt 6B	-1,223		-1,605	-113
Alt 6C	-1,042		-1,436	-113
Alt 7	-1,334		-1,663	-113
Alt 8	-2,247		-2,546	-222
Alt 9	-669		-1,006	-11

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