

**APPENDIX C**  
**SWPP DEMAND TABLE BY DEPARTMENT**

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STATE WATER PROJECTS PLAN  
PROJECTED WATER REQUIREMENTS BY DEPARTMENT

PROJECT NAME	PRIMARY USE	ISLAND	SECTOR	YEARLY PROJECTED CUMULATIVE AVERAGE DAY DEMAND (MGD)									TMK
				02001 MGD	02002 MGD	02003 MGD	02004 MGD	02005 MGD	02010 MGD	02015 MGD	02020 MGD		
<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>		
KAMAMALU BUILDING RENOVATIONS	POTABLE	OAHU	HONOLULU								0.00250	2-1-17:10	
<b>PLANNING BRANCH CONT.</b>													
LILIHA CIVIC CENTER	POTABLE	OAHU	HONOLULU						0.01007	0.01007	0.01007	NR	
LILIHA CIVIC CENTER	NONPOTABLE USING POTABLE	OAHU	HONOLULU						0.00893	0.00893	0.00893	NR	
MANOA PUBLIC LIBRARY	POTABLE	OAHU	HONOLULU	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	0.00067	NR	
MANOA PUBLIC LIBRARY	NONPOTABLE USING POTABLE	OAHU	HONOLULU	0.00143	0.00143	0.00143	0.00143	0.00143	0.00143	0.00143	0.00143	NR	
QUEEN LILIUOKALANI BLDG. EXPANSION	POTABLE	OAHU	HONOLULU			0.00160	0.00160	0.00160	0.00160	0.00160	0.00160	2-1-18:16	
STATE CAPITOL ANNEX (REPLACE DOH BUILDING)	POTABLE	OAHU	HONOLULU						0.00750	0.00750	0.00750	2-1-18: 46	
MILILANI MAUKA II ELEM SCH, FIRST INCREMENT	POTABLE	OAHU	PEARL HARBOR			0.05160	0.05160	0.05160	0.05160	0.05160	0.05160		
PEARL CITY HIGHLANDS ELEMENTARY SCHOOL, BUILDING E, SHOWER AND TOILET	POTABLE	OAHU	PEARL HARBOR	0.00005	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010	9-7-36:122	
WAIPAHU ELEM SCH, DRAINAGE IMPROVEMENTS	POTABLE	OAHU	PEARL HARBOR	0.00160	0.00160	0.00160	0.00160	0.00160	0.00160	0.00160	0.00160	9-4-29:01	
NANAKULI ELEM SCHOOL, 8-CLASSROOM BLDG.	POTABLE	OAHU	WAIANAE	0.00129	0.00258	0.00258	0.00258	0.00258	0.00258	0.00258	0.00258	8-9-7:9	
NANAKULI PUBLIC LIBRARY	POTABLE	OAHU	WAIANAE						0.00151	0.00151	0.00151	NR	
NANAKULI PUBLIC LIBRARY	NONPOTABLE USING POTABLE	OAHU	WAIANAE						0.00643	0.00643	0.00643	NR	
KANEOHE CIVIC CENTER	POTABLE	OAHU	WINDWARD						0.00065	0.00065	0.00065	NR	
KANEOHE CIVIC CENTER	NONPOTABLE USING POTABLE	OAHU	WINDWARD						0.00112	0.00112	0.00112	NR	
KANEOHE DISTRICT COURT	POTABLE	OAHU	WINDWARD		0.00099	0.00099	0.00099	0.00099	0.00099	0.00099	0.00099	0.00198 NR	
KANEOHE DISTRICT COURT	NONPOTABLE USING POTABLE	OAHU	WINDWARD		0.00201	0.00201	0.00201	0.00201	0.00201	0.00201	0.00201	0.00402 NR	
<b>DAGS SUBTOTAL=</b>				<b>0.12449</b>	<b>0.60640</b>	<b>0.69071</b>	<b>0.77514</b>	<b>0.77514</b>	<b>0.95686</b>	<b>0.95686</b>	<b>0.99736</b>		

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				02001 MGD	02002 MGD	02003 MGD	02004 MGD	02005 MGD	02010 MGD	02015 MGD	02020 MGD		
<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>		
<b>DEPARTMENT OF AGRICULTURE</b>													
WAIMEA IRRIGATION SYSTEM	NONPOTABLE	HAWAII	KOHALA	1.82500	1.82500	1.82500	1.82500	1.82500	1.82500	1.82500	1.82500	NR	
FUTURE SUBDIVISION IN HONOKAA	NONPOTABLE	HAWAII	WEST MAUNA KEA						7.00000	7.00000	7.00000	VARIOUS	
FUTURE SUBDIVISION IN PAAUILO	NONPOTABLE	HAWAII	WEST MAUNA KEA						1.25000	1.25000	1.25000	6-3-6	
FUTURE SUBDIVISION IN WAIMEA	NONPOTABLE	HAWAII	WEST MAUNA KEA						0.80000	0.80000	0.80000	6-3-6	
WAIMEA/PAAUILO WATERSHED PROJECT	NONPOTABLE	HAWAII	WEST MAUNA KEA						4.00000	4.00000	4.00000		
LANAI AGRICULTURAL PARK	NONPOTABLE	LANAI	CENTRAL						0.50000	0.50000	0.50000	4-9	
LOWER KULA WATERSHED PROJECT	NONPOTABLE	MAUI	CENTRAL					6.00000	6.00000	6.00000	6.00000		
UPCOUNTRY MAUI IRRIGATION PROJECT	NONPOTABLE	MAUI	CENTRAL	3.61000	3.61000	3.61000	3.61000	3.61000	3.61000	3.61000	3.61000	2-2, 2-3	
FUTURE SUBDIVISION IN PALAAU	NONPOTABLE	MOLOKAI	CENTRAL						1.50000	1.50000	1.50000	5-2-1	
MOLOKAI AGRICULTURAL PARK	NONPOTABLE	MOLOKAI	CENTRAL	1.32000	1.32000	1.32000	1.32000	1.32000	1.32000	1.32000	1.32000	5-2-1	
BARBERS POINT AGRICULTURAL PARK	POTABLE	OAHU	PEARL HARBOR								0.15500	9-1-31:01 POR, 25,26,37 POR	
FUTURE SUBDIVISION IN WAIKELE	NONPOTABLE	OAHU	PEARL HARBOR						5.50000	5.50000	5.50000	VARIOUS	
ROYAL KUNIA AGRICULTURAL PARK	POTABLE	OAHU	PEARL HARBOR			0.00999	0.00999	0.00999	0.00999	0.00999	0.00999	9-4-02	
ROYAL KUNIA AGRICULTURAL PARK	NONPOTABLE	OAHU	PEARL HARBOR			0.74997	0.74997	0.74997	0.74997	0.74997	0.74997	9-4-02	
WAIMANALO IRRIGATION SYSTEM	NONPOTABLE	OAHU	WINDWARD	0.75000	1.00000	1.25000	1.25000	1.25000	1.25000	1.25000	1.25000	NR	
<b>DOA SUBTOTAL=</b>				<b>7.50500</b>	<b>7.75500</b>	<b>8.76496</b>	<b>8.76496</b>	<b>14.76496</b>	<b>35.31496</b>	<b>35.31496</b>	<b>35.46996</b>		

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<b>DEPARTMENT OF BUSINESS ECONOMIC DEVELOPMENT &amp; TOURISM</b>												
<b>ALOHA TOWER DEVELOPMENT CORPORATION</b>												
ALOHA TOWER DEVELOPMENT	POTABLE	OAHU	HONOLULU		0.09300	0.09300	0.09300	0.09300	0.13400	0.13400	0.13400	NR
<b>BARBERS POINT NAVAL AIR STATION REDEVELOPMENT COMMISSION</b>												
KALAELOA COMMUNITY DEVELOPMENT DISTRICT (NONPOTABLE)	NONPOTABLE	OAHU	EWA CAPROCK						1.21	1.21	1.21	NR
KALAELOA COMMUNITY DEVELOPMENT DISTRICT (POTABLE)	POTABLE	OAHU	EWA CAPROCK						0.431	0.431	0.431	NR
<b>CONVENTION CENTER AUTHORITY</b>												
HAWAII CONVENTION CENTER	POTABLE	OAHU	HONOLULU	0.10000	0.15000	0.20000	0.25000	0.30000	0.30000	0.30000	0.30000	NR
<b>HAWAII COMMUNITY DEVELOPMENT AUTHORITY</b>												
BISHOP LEARNING SCIENCE CENTER	POTABLE	OAHU	HONOLULU				0.01000	0.01000	0.01000	0.01000	0.01000	2-1-60: 2
BISHOP LEARNING SCIENCE CENTER	NONPOTABLE USING POTABLE	OAHU	HONOLULU				0.00918	0.00918	0.00918	0.00918	0.00918	2-1-60: 2
COMMERCIAL PROJECT (LOT 1)	POTABLE	OAHU	HONOLULU				0.01385	0.01385	0.01385	0.01385	0.01385	2-1-15: POR. 9
COMMERCIAL PROJECT (LOT 1)	NONPOTABLE USING POTABLE	OAHU	HONOLULU				0.00420	0.00420	0.00420	0.00420	0.00420	2-1-15: POR. 9
COMMERCIAL PROJECT (LOT 2)	POTABLE	OAHU	HONOLULU				0.03593	0.03593	0.03593	0.03593	0.03593	2-1-15: POR. 9
COMMERCIAL PROJECT (LOT 2)	NONPOTABLE USING POTABLE	OAHU	HONOLULU				0.00440	0.00440	0.00440	0.00440	0.00440	2-1-15: POR. 9
HISTORIC PUMP STATION (LOT 5)	POTABLE	OAHU	HONOLULU			0.05273	0.05273	0.05273	0.05273	0.05273	0.05273	2-1-15: 43.44, POR. 9
HISTORIC PUMP STATION (LOT 5)	NONPOTABLE USING POTABLE	OAHU	HONOLULU			0.00328	0.00328	0.00328	0.00328	0.00328	0.00328	2-1-15: 43.44, POR. 9
JOHN A. BURNS SCHOOL OF MEDICINE	POTABLE	OAHU	HONOLULU					0.06360	0.06360	0.06360	0.06360	2-1-60: 9, 10
JOHN A. BURNS SCHOOL OF MEDICINE	NONPOTABLE USING POTABLE	OAHU	HONOLULU					0.01550	0.01550	0.01550	0.01550	2-1-60: 9, 10
KAKAAKO MAUKA PARK (QUEEN STREET)	NONPOTABLE USING POTABLE	OAHU	HONOLULU			0.00608	0.00608	0.00608	0.00608	0.00608	0.00608	2-3-07: 2
KAKAAKO WATERFRONT PARK IMPROVEMENTS	NONPOTABLE USING POTABLE	OAHU	HONOLULU				0.00916	0.00916	0.00916	0.00916	0.00916	2-1-60: POR 8, 3
KEWALO BASIN RETAIL/MARKET	POTABLE	OAHU	HONOLULU				0.02000	0.02000	0.02000	0.02000	0.02000	2-1-58: 1, 95
KEWALO BASIN RETAIL/MARKET	NONPOTABLE USING POTABLE	OAHU	HONOLULU				0.00916	0.00916	0.00916	0.00916	0.00916	2-1-58: 1, 95
PARKING STRUCTURE	NONPOTABLE USING POTABLE	OAHU	HONOLULU					0.00680	0.00680	0.00680	0.00680	2-1-60: 5, 6

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<b>HOUSING AND COMMUNITY &amp; DEVELOPMENT CORPORATION OF HAWAII</b>													
KEALAKEHE PLANNED COMMUNITY (LA'I'OPUA)	POTABLE	HAWAII	HUALALAI	0.29310	0.39080	0.48850	0.58650	0.68400	0.97700	1.46550	2.46204	7-4-20:1-06;7-4-21:1-19;7-4-8:POR56	
KEALAKEHE PLANNED COMMUNITY (LA'I'OPUA)	NONPOTABLE USING POTABLE	HAWAII	HUALALAI	0.00690	0.00920	0.01150	0.01350	0.01600	0.02300	0.03450	0.05796	7-4-20:1-06;7-4-21:1-19;7-4-8:POR56	
LAHAINA MASTER PLAN	POTABLE	MAUI	LAHAINA	0.04840	0.31240	0.61160	0.65560	0.69960	0.74360	0.87560	1.00760	4-5-21:03	
LAHAINA MASTER PLAN	NONPOTABLE USING POTABLE	MAUI	LAHAINA	0.06160	0.39760	0.77840	0.83440	0.89040	0.94641	1.00440	1.28240	4-5-21:03	
EAST KAPOLEI	POTABLE	OAHU	EWA CAPROCK					0.07500	0.47500	2.39900	3.81300	9-1-16:108,109	
VILLAGES OF KAPOLEI	POTABLE	OAHU	EWA CAPROCK		0.19300	0.51800	0.53000	0.53000	0.68000	0.68000	0.68000	9-1-16:23,25	
CIVIC CENTER RENTAL HOUSING	POTABLE	OAHU	HONOLULU	0.05490	0.05490	0.05490	0.05490	0.05490	0.05490	0.05490	0.05490	1-5-7:1	
ELDERLY RESIDENTIAL COMPLEX AT IWILEI	POTABLE	OAHU	HONOLULU					0.05100	0.05100	0.05100	0.05100	7:1.2,14,15,18,66,67,69,71,74,75,78-84	
ELDERLY RESIDENTIAL COMPLEX AT IWILEI	POTABLE	OAHU	HONOLULU					0.00900	0.00900	0.00900	0.00900	7:1.2,14,15,18,66,67,69,71,74,75,78-84	
KAM HOMES ELDERLY	POTABLE	OAHU	HONOLULU						0.02250	0.02250	0.02250	NR	
KUHIO PARK TERRACE COMMUNITY PARK CTR	POTABLE	OAHU	HONOLULU	0.00458	0.00458	0.00458	0.00458	0.00458	0.00458	0.00458	0.00458	1-3-39:01	
PALAMA ELDERLY HOUSING	POTABLE	OAHU	HONOLULU	0.01640	0.01640	0.01640	0.01640	0.01640	0.01640	0.01640	0.01640	1-7-44:94,97	
POHUKAINA MIXED USE	POTABLE	OAHU	HONOLULU						0.11500	0.11500	0.11500	2-1-51:09	
CROWN COMMERCIAL	POTABLE	OAHU	PEARL HARBOR						0.01360	0.01360	0.01360	9-4-17:53,54	
CROWN III	POTABLE	OAHU	PEARL HARBOR						0.04320	0.04320	0.04320	9-4-17:1,58	
CROWN IV	POTABLE	OAHU	PEARL HARBOR						0.02400	0.02400	0.02400	9-4-17:1,58	
WAIANA LOW INCOME HOUSING	POTABLE	OAHU	WAIANA	0.03700	0.03700	0.03700	0.03700	0.03700	0.03700	0.03700	0.03700	8-5-28:POR42	
<b>NATURAL ENERGY LABORATORY OF HAWAII AUTHORITY</b>													
NATURAL ENERGY LABORATORY OF HAWAII	POTABLE	HAWAII	HUALALAI	0.40000	0.60000	0.80000	0.90000	0.90000	1.50000	1.60000	1.80000	7-3-43:POR 4, 5	
<b>DBEDT SUBTOTAL=</b>				<b>1.02288</b>	<b>2.25888</b>	<b>3.67597</b>	<b>4.15385</b>	<b>4.62475</b>	<b>8.07506</b>	<b>10.78905</b>	<b>13.83305</b>		















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WAIHEE ELEM - PLAYFLD/WTR RETENTN BASIN	NONPOTABLE USING POTABLE	MAUI	WAILUKU	0.00510	0.00510	0.00510	0.00510	0.00510	0.00510	0.00510	0.00510	3-2-007:021	
WAIHEE ELEMENTARY NEW 8 CLASSROOM	POTABLE	MAUI	WAILUKU	0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	3-2-007: 021	
WAIHEE ELEMENTARY NEW ADMINISTRATION	POTABLE	MAUI	WAILUKU			0.00063	0.00063	0.00063	0.00063	0.00063	0.00063	3-2-007: 021	
WAILUKU II ELEM SCHOOL 1ST & 2ND INCREMENT	POTABLE	MAUI	WAILUKU			0.06000	0.06000	0.06000	0.06000	0.06000	0.06000	NEW	
KUALAPUU ELEM SCH 6-CLASSROOM BLD	POTABLE	MOLOKAI	CENTRAL	0.00054	0.00054	0.00054	0.00054	0.00054	0.00054	0.00054	0.00054	5-2-13:27	
<b>DEPARTMENT OF EDUCATION CONT.</b>													
MOLOKAI HIGH SCHOOL 8-CLASSROOM BUILDING	POTABLE	MOLOKAI	CENTRAL	0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	5-2-15:46, 5-2-7:01	
MOLOKAI HIGH SCHOOL CAFETERIA	POTABLE	MOLOKAI	CENTRAL			0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	5-2-15:46, 5-2-7:01	
MOLOKAI HIGH SCHOOL NEW ADMINISTRATION	POTABLE	MOLOKAI	CENTRAL			0.00093	0.00093	0.00093	0.00093	0.00093	0.00093	5-2-015: 046	
KAUNAKAKAI ELEMENTARY NEW 8 CLASSROOM	POTABLE	MOLOKAI	SOUTH EAST			0.00101	0.00101	0.00101	0.00101	0.00101	0.00101	5-3-002: 052	
KILOHANA ELEMENTARY NEW CAFETERIA	POTABLE	MOLOKAI	SOUTH EAST			0.00057	0.00057	0.00057	0.00057	0.00057	0.00057	5-6-002: 008	
KILOHANA ELEMENTARY NEW LIBRARY	POTABLE	MOLOKAI	SOUTH EAST			0.00092	0.00092	0.00092	0.00092	0.00092	0.00092	5-6-002: 008	
MAUNALOA ELEM SCHOOL NEW 4 CLASSROOM	POTABLE	MOLOKAI	WEST			0.00720	0.00720	0.00720	0.00720	0.00720	0.00720	5-1-002: 003	
MAUNALOA ELEMENTARY NEW LIBRARY	POTABLE	MOLOKAI	WEST						0.00092	0.00092	0.00092	5-1-002: 003	
HALE KULA ELEMENTARY NEW ADMINISTRATION	POTABLE	OAHU	CENTRAL			0.00045	0.00045	0.00045	0.00045	0.00045	0.00045	7-7-001: 003	
HALE KULA ELEMENTARY NEW LIBRARY	POTABLE	OAHU	CENTRAL			0.00066	0.00066	0.00066	0.00066	0.00066	0.00066	7-7-001: 003	
HELEMANO ELEMENTARY NEW LIBRARY	POTABLE	OAHU	CENTRAL	0.00066	0.00066	0.00066	0.00066	0.00066	0.00066	0.00066	0.00066	7-1-002: 017	
LEILEHUA HIGH SCHOOL NEW 8 CLASSROOM	POTABLE	OAHU	CENTRAL		0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	0.01440	7-4-018: 001	
WHEELER ELEMENTARY 8-CLASSROOM BUILDING	POTABLE	OAHU	CENTRAL			0.00072	0.00072	0.00072	0.00072	0.00072	0.00072	7-7-01:02	
EAST KAPOLEI ELEMENTARY SCHOOL NEW SCH	POTABLE	OAHU	EWA CAPROCK	PROJECT DEMAND ACCOUNTED FOR BY EAST KAPOLEI PROJECT									NEW
EAST KAPOLEI HIGH SCHOOL	POTABLE	OAHU	EWA CAPROCK						0.06000	0.06000	0.06000	NR	
EAST KAPOLEI MIDDLE SCHOOL	POTABLE	OAHU	EWA CAPROCK	PROJECT DEMAND ACCOUNTED FOR BY EAST KAPOLEI PROJECT									NR
EWA BEACH ELEMENTARY NEW 6 CLASSROOM	POTABLE	OAHU	EWA CAPROCK			0.01080	0.01080	0.01080	0.01080	0.01080	0.01080	9-1-012: 019	
KAPOLEI HIGH SCHOOL 1ST INCREMENT	POTABLE	OAHU	EWA CAPROCK	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	NEW	
KAPOLEI HIGH SCHOOL 2ND INCREMENT	POTABLE	OAHU	EWA CAPROCK	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	NEW	
KAPOLEI HIGH SCHOOL 3RD INCREMENT	POTABLE	OAHU	EWA CAPROCK		0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	NEW	
CENTRAL INTER - RENOV BLDG A PH 1 15 CLSRM	POTABLE	OAHU	HONOLULU		0.00166	0.00166	0.00166	0.00166	0.00166	0.00166	0.00166	2-1-005:1; 2, 2-1-009: 1,2,3	
CENTRAL INTER - RENOV BLDG C 16 CLASSROOM	POTABLE	OAHU	HONOLULU		0.00215	0.00215	0.00215	0.00215	0.00215	0.00215	0.00215	2-1-005:1; 2, 2-1-009: 1,2,3	







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				02001 MGD	02002 MGD	02003 MGD	02004 MGD	02005 MGD	02010 MGD	02015 MGD	02020 MGD	
<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>	
KAAWA ELEM NEW LIBRARY/ADMINISTRATION	POTABLE	OAHU	WINDWARD			0.00111	0.00111	0.00111	0.00111	0.00111	0.00111	5-1-002: 018
KAAWA ELEMENTARY NEW CAFETERIA	POTABLE	OAHU	WINDWARD			0.00054	0.00054	0.00054	0.00054	0.00054	0.00054	5-1-002: 018
KAELEPULU ELEM SCH, NEW ADMIN BLDG.	POTABLE	OAHU	WINDWARD						0.00045	0.00045	0.00045	4-2-90: 74
KAHUKU HIGH SCHOOL - ATHLETIC FIELD	NONPOTABLE USING POTABLE	OAHU	WINDWARD		0.03800	0.03800	0.03800	0.03800	0.03800	0.03800	0.03800	5-6-006:3,9,10,25
KAHUKU HIGH/INT SCH NEW PE LOCKR SHOWR	POTABLE	OAHU	WINDWARD			0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	5-6-006: 003,009,010,025
KAHUKU HIGH/INTER SCHOOL NEW CAFETERIA	POTABLE	OAHU	WINDWARD			0.00660	0.00660	0.00660	0.00660	0.00660	0.00660	5-6-006: 003,009,010,025
KAHUKU HIGH/INTER SCHOOL NEW GYMNASIUM	POTABLE	OAHU	WINDWARD			0.00400	0.00400	0.00400	0.00400	0.00400	0.00400	5-6-006: 003,009,010,025
KAILUA ELEMENTARY LIBRARY EXPANSION	POTABLE	OAHU	WINDWARD			0.00066	0.00066	0.00066	0.00066	0.00066	0.00066	4-3-056: 003_009
<b>DEPARTMENT OF EDUCATION CONT.</b>												
KAINALU ELEMENTARY NEW ADMINISTRATION	POTABLE	OAHU	WINDWARD			0.00045	0.00045	0.00045	0.00045	0.00045	0.00045	4-3-076: 015
KANEOHE ELEMENTARY NEW ADMINISTRATION	POTABLE	OAHU	WINDWARD	0.00045	0.00045	0.00045	0.00045	0.00045	0.00045	0.00045	0.00045	4-5-103: 011
<b>DOE SUBTOTAL=</b>				<b>0.61955</b>	<b>0.81025</b>	<b>2.22742</b>	<b>2.24340</b>	<b>2.24340</b>	<b>2.59797</b>	<b>2.59797</b>	<b>2.59797</b>	

STATE WATER PROJECTS PLAN  
PROJECTED WATER REQUIREMENTS BY DEPARTMENT

PROJECT NAME	PRIMARY USE	ISLAND	SECTOR	YEARLY PROJECTED CUMULATIVE AVERAGE DAY DEMAND (MGD)									TMK
				02001 MGD	02002 MGD	02003 MGD	02004 MGD	02005 MGD	02010 MGD	02015 MGD	02020 MGD		
<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>		
<b>DEPARTMENT OF HAWAIIAN HOME LANDS</b>													
LAIOPUA VILLAGE 4	POTABLE	HAWAII	HUALALAI	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000		
MAKUU - FARM LOTS (2 ACRES)	POTABLE	HAWAII	KILAUEA						0.02000	0.02000	0.02000	NR	
MAKUU - FARM LOTS (2 ACRES) (IRRIG)	NONPOTABLE	HAWAII	KILAUEA						0.20000	0.20000	0.20000	NR	
MAKUU - FARM LOTS (5 ACRE)	POTABLE	HAWAII	KILAUEA						0.05080	0.05080	0.05080	NR	
MAKUU - FARM LOTS (5 ACRE) (IRRIG)	NONPOTABLE	HAWAII	KILAUEA						1.27000	1.27000	1.27000	NR	
KAWAIHAE - MASTER PLAN AREA	POTABLE	HAWAII	KOHALA							1.40000	1.40000	NR	
KAWAIHAE - RESIDENCE LOTS (MAKAI)	POTABLE	HAWAII	KOHALA						0.00880	0.00880	0.00880	NR	
KAWAIHAE - RESIDENTIAL LOTS (MAUKA)	POTABLE	HAWAII	KOHALA						0.07800	0.07800	0.07800	NR	
HAWAII EAST SCTRD LOT	POTABLE	HAWAII	NORTH EAST MAUNA LOA	0.04400	0.04400	0.04400	0.04400	0.04400	0.04400	0.04400	0.04400	VARIOUS	
HUMUULA - PASTURE LOTS	POTABLE	HAWAII	NORTH EAST MAUNA LOA						0.00480	0.00480	0.00480	NR	
KEAUKAHA - RESIDENCE LOTS UNIT 2	POTABLE	HAWAII	NORTH EAST MAUNA LOA						0.03320	0.03320	0.03320	2-1-20,21,22,23	
PANAWEA - FARM LOTS (AUWAE ST)	POTABLE	HAWAII	NORTH EAST MAUNA LOA						0.03000	0.03000	0.03000	NR	
PANAWEA - FARM LOTS (AUWAE ST) (IRRIG)	NONPOTABLE	HAWAII	NORTH EAST MAUNA LOA						0.64000	0.64000	0.64000	NR	
PANAWEA - FARM LOTS PUNA PAPAYA	POTABLE	HAWAII	NORTH EAST MAUNA LOA						0.01000	0.01000	0.01000	2-1-25;25-40,67-71,74,77-83	
PANAWEA - FARM LOTS PUNA PAPAYA (IRRIG)	NONPOTABLE	HAWAII	NORTH EAST MAUNA LOA						0.30000	0.30000	0.30000	NR	
PANAWEA RESIDENCE LOTS	POTABLE	HAWAII	NORTH EAST MAUNA LOA	0.02400	0.02400	0.02400	0.02400	0.02400	0.02400	0.02400	0.02400		
WAIKEA - RESIDENCE LOTS UNIT 2A-5	POTABLE	HAWAII	NORTH EAST MAUNA LOA						0.00800	0.00800	0.00800	NR	
KAMAOA - PASTURE LOTS	POTABLE	HAWAII	SOUTH EAST MAUNA LOA						0.01000	0.01000	0.01000	NR	
KAMAOA - PUUEO FARM LOTS	POTABLE	HAWAII	SOUTH EAST MAUNA LOA							0.02000	0.02000	NR	
LALAMILO RESIDENCE LOTS	POTABLE	HAWAII	WEST MAUNA KEA	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000		
PUUKAPU - FARM LOTS UNITS 2, 2A	POTABLE	HAWAII	WEST MAUNA KEA						0.03000	0.03000	0.03000	NR	
PUUKAPU - FARM LOTS UNITS 2, 2A (IRRIG)	NONPOTABLE	HAWAII	WEST MAUNA KEA						1.60000	1.60000	1.60000	NR	
PUUKAPU - PASTURE LOTS	POTABLE	HAWAII	WEST MAUNA KEA						0.07360	0.07360	0.07360	NR	
PUUKAPU - RESIDENTIAL LOTS (PUU PELEHU)	POTABLE	HAWAII	WEST MAUNA KEA						0.01320	0.01320	0.01320	NR	
ANAHOLA - FARM LOTS UNIT 1A INCREMENT 2	POTABLE	KAUAI	LIHUE	0.00200	0.00200	0.00200	0.00200	0.00200	0.00200	0.00200	0.00200	NR	
ANAHOLA - HUNDLEY ROAD	POTABLE	KAUAI	LIHUE	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500		
ANAHOLA - NORTH (IRRIG)	NONPOTABLE	KAUAI	LIHUE						0.60000	0.60000	0.60000	NR	

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				02001 MGD	02002 MGD	02003 MGD	02004 MGD	02005 MGD	02010 MGD	02015 MGD	02020 MGD		
SWPP Statewide Project Demand Total=				12.19	18.10	25.22	26.59	33.20	69.42	76.55	80.87		
ANAHOLA - RESIDENCE LOTS BAYVIEW/G, G1	POTABLE	KAUAI	LIHUE	0.03050	0.03050	0.03050	0.03050	0.03050	0.03050	0.03050	0.03050	0.03050	NR
<b>DEPARTMENT OF HAWAIIAN HOME LANDS CONT.</b>													
ANAHOLA - RESIDENCE LOTS J & K	POTABLE	KAUAI	LIHUE						0.01100	0.01100	0.01100	0.01100	NR
ANAHOLA - RESIDENCE LOTS M	POTABLE	KAUAI	LIHUE						0.02000	0.02000	0.02000	0.02000	NR
ANAHOLA - RESIDENCE LOTS UNIT 3	POTABLE	KAUAI	LIHUE	0.01800	0.01800	0.01800	0.01800	0.01800	0.01800	0.01800	0.01800	0.01800	NR
ANAHOLA - RESIDENCE LOTS UNIT 4	POTABLE	KAUAI	LIHUE	0.04500	0.04500	0.04500	0.04500	0.04500	0.04500	0.04500	0.04500	0.04500	NR
ANAHOLA - RESIDENCE LOTS UNIT 5	POTABLE	KAUAI	LIHUE	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	NR
ANAHOLA UNIT 6	POTABLE	KAUAI	LIHUE			0.12500	0.12500	0.12500	0.12500	0.12500	0.12500	0.12500	VARIOUS
ANAHOLA VILLAGE RESIDENCE LOTS	POTABLE	KAUAI	LIHUE	0.00550	0.00550	0.00550	0.00550	0.00550	0.00550	0.00550	0.00550	0.00550	
MOLOAA - FARM LOTS	POTABLE	KAUAI	LIHUE								0.01000	0.01000	NR
MOLOAA - PASTURE LOTS	POTABLE	KAUAI	LIHUE								0.00400	0.00400	NR
KEKAHA RESIDENCE LOTS	POTABLE	KAUAI	WAIMEA			0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	0.01500	
LANAI	POTABLE	LANAI	CENTRAL		0.01250	0.01250	0.01250	0.01250	0.01250	0.01250	0.01250	0.01250	
KEOKEA AGRICULTURAL LOTS (RES.)	POTABLE	MAUI	CENTRAL	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	
KULA - KEOKEA AG LOTS	POTABLE	MAUI	CENTRAL							3.60000	3.60000	3.60000	NR
KULA - KEOKEA RES. AG LOTS	POTABLE	MAUI	CENTRAL							0.04000	0.04000	0.04000	NR
KULA - MASTER PLAN AREA	POTABLE	MAUI	CENTRAL								2.10000	2.10000	NR
KULA - RESIDENCE LOTS WAIOHULI 1, 2	POTABLE	MAUI	CENTRAL								0.18000	0.18000	NR
KULA - RESIDENCE LOTS, UNIT 2	POTABLE	MAUI	CENTRAL	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	
WAIOHULI RES LOTS UNIT 1	POTABLE	MAUI	CENTRAL			0.23040	0.23040	0.23040	0.23040	0.23040	0.23040	0.23040	2-2-02:56
KAHIKINUI - HOMESTEAD	POTABLE	MAUI	KAHIKINUI								0.00720	0.00720	1-9-01
KAHIKINUI - LIVESTOCK	POTABLE	MAUI	KAHIKINUI								0.01000	0.01000	NR
PAUKUKALO - RESIDENCE LOTS UNIT 3 PHASE 3	POTABLE	MAUI	WAILUKU							0.01980	0.01980	0.01980	NR
PAUKUKALO - RESIDENCE LOTS UNIT 4	POTABLE	MAUI	WAILUKU							0.00840	0.00840	0.00840	NR
WAIIEHU - RESIDENCE LOTS	POTABLE	MAUI	WAILUKU			0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	3-2-13:18
WAIIEHU KOU	POTABLE	MAUI	WAILUKU			0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	0.10000	NR
WAIIEHU KOU III	POTABLE	MAUI	WAILUKU	0.04200	0.04200	0.04200	0.04200	0.04200	0.04200	0.04200	0.04200	0.04200	
DEPT. OF EDUCATION	POTABLE	MOLOKAI	CENTRAL			0.00270	0.00270	0.00270	0.00270	0.00270	0.00270	0.00270	5-2-13:27, 5-2-15:46



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			<b>SWPP Statewide Project Demand Total=</b>	<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>		
UPPER NANAKULI	POTABLE	OAHU	WAIANAE								0.42500	8-9-08: 03	
VOICE OF AMERICA	POTABLE	OAHU	WAIANAE						0.25000	0.25000	0.25000	8-7-10: 07	
WAIANAE LOTS 2A-2	POTABLE	OAHU	WAIANAE			0.03100	0.03100	0.03100	0.03100	0.03100	0.03100	8-5-04: 02	
<b>DEPARTMENT OF HAWAIIAN HOME LANDS CONT.</b>													
KUPUNA HOUSING	POTABLE	OAHU	WINDWARD			0.04320	0.04320	0.04320	0.04320	0.04320	0.04320	4-1-19: 32	
SOUKASEN	POTABLE	OAHU	WINDWARD						0.02500	0.02500	0.02500	4-1-08-11, 4-1-23-65	
UNIT 9	POTABLE	OAHU	WINDWARD						0.02650	0.02650	0.02650	4-1-08: POR 08, 4-1-37: 68,69	
WAIHOLE SCATTERED LOTS	POTABLE	OAHU	WINDWARD						0.01100	0.01100	0.01100	NR	
WAIMANALO SCATTERED LOTS	POTABLE	OAHU	WINDWARD	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	4-1-37: 58-60	
WAIMANALO, RESIDENTIAL LOTS ALA KOA STREET	POTABLE	OAHU	WINDWARD			0.00050	0.00050	0.00050	0.00050	0.00050	0.00050	4-1-37:35	
			<b>DHHL SUBTOTAL=</b>	<b>0.64760</b>	<b>0.66010</b>	<b>2.02474</b>	<b>2.02474</b>	<b>2.02474</b>	<b>11.65914</b>	<b>15.39034</b>	<b>15.81534</b>		









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				02001 MGD	02002 MGD	02003 MGD	02004 MGD	02005 MGD	02010 MGD	02015 MGD	02020 MGD	
<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>	
<b>DEPARTMENT OF LAND AND NATURAL RESOURCES</b>												
<b>BOATING AND OCEAN RECREATION DIVISION</b>												
KAWAIHAE BOAT HARBOR IMPROVEMENTS	POTABLE	HAWAII	KOHALA	0.00140	0.00140	0.00140	0.00140	0.00140	0.00140	0.00140	0.00140	6-1-03
PUAKO BOAT RAMP	POTABLE	HAWAII	NORTH WEST MAUNA LOA						0.00500	0.00500	0.00500	NR
NA WILIWILI BOAT HARBOR	POTABLE	KAUAI	LIHUE						0.00500	0.00500	0.00500	3-2-03
WAIKAEA BOAT HARBOR IMPROVEMENTS	POTABLE	KAUAI	LIHUE			0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	4-5-06
KIKIAOLA BOAT HARBOR IMPROVEMENTS	POTABLE	KAUAI	WAIMEA	0.02250	0.02250	0.02250	0.02250	0.02250	0.04500	0.04500	0.04500	1-2-06
MANELE BOAT HARBOR ELEC/TELE IMPROVEMTS.	NONPOTABLE USING POTABLE	LANAI	KANAO	0.00100	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	4-9-17:06
MANELE BOAT HARBOR ELEC/TELE IMPROVMTS.	POTABLE	LANAI	KANAO	0.00100	0.00200	0.00200	0.00200	0.00200	0.00200	0.00200	0.00200	4-9-17:06
KAHULUI BOAT HARBOR	POTABLE	MAUI	CENTRAL			0.00504	0.00504	0.00504	0.00504	0.00504	0.00504	3-7-01
KAHULUI BOAT HARBOR	NONPOTABLE USING POTABLE	MAUI	CENTRAL			0.00096	0.00096	0.00096	0.00096	0.00096	0.00096	3-7-01
MAALAEA BOAT HAR EAST MOLE IMPROVEMTS	POTABLE	MAUI	CENTRAL						0.02300	0.02300	0.02300	3-6-01, 3-8-14
MAALAEA BOAT HARBOR ADMIN BLD AND BYD	POTABLE	MAUI	CENTRAL			0.00021	0.00021	0.00021	0.00021	0.00021	0.00021	3-6-01, 3-8-14
MAALAEA BOAT HARBOR ADMIN BLD AND BYD	NONPOTABLE USING POTABLE	MAUI	CENTRAL			0.00170	0.00170	0.00170	0.00170	0.00170	0.00170	3-6-01, 3-8-14
ALA WAI BOAT HARBOR COMFORT STATION	POTABLE	OAHU	HONOLULU		0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	2-6-10,2-3-37,2-1-58
KEEHI BOAT HARBOR	POTABLE	OAHU	HONOLULU			0.01008	0.01008	0.01008	0.01008	0.01008	0.01008	1-2-23, 1-5-41
KEEHI BOAT HARBOR	NONPOTABLE USING POTABLE	OAHU	HONOLULU			0.00543	0.00543	0.00543	0.00543	0.00543	0.00543	1-2-23, 1-5-41
MAUNALUA BAY COMFORT STATION	POTABLE	OAHU	HONOLULU			0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	2-9-2,3,4,7,16,17,33
<b>STATE PARKS DIVISION</b>												
KALOPA SRA	POTABLE	HAWAII	EAST MAUNA KEA	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500	4-4-14:1
WAILUKU RIVER SP (BOILING POTS)	POTABLE	HAWAII	EAST MAUNA KEA						0.00500	0.00500	0.00500	2-3-27:1, 2-3-29:12, 2-5-10:1
KEKAHA KAI SP (MAHAIULA)	POTABLE	HAWAII	HUALALAI			0.00336	0.00662	0.00667	0.00673	0.00678	0.00695	NR
KEKAHA KAI SP (MAHAIULA)	NONPOTABLE USING POTABLE	HAWAII	HUALALAI			0.03869	0.07612	0.07675	0.07738	0.07801	0.07990	NR
OLD KONA AIRPORT SRA	POTABLE	HAWAII	HUALALAI		0.01008	0.01008	0.01008	0.01008	0.01008	0.01008	0.01008	7-5-05:7,72,73,74,79,82,83
OLD KONA AIRPORT SRA	NONPOTABLE USING POTABLE	HAWAII	HUALALAI		0.00592	0.00592	0.00592	0.00592	0.00592	0.00592	0.00592	7-5-05:7,72,73,74,79,82,83
KOHALA HISTORICAL SITES STATE MONUMENT	POTABLE	HAWAII	KOHALA	0.00006	0.00008	0.00178	0.00180	0.00182	0.00357	0.00357	0.00357	5-5-05:6,20, 5-6-01:75
KOHALA HISTORICAL SITES STATE MONUMENT	NONPOTABLE USING POTABLE	HAWAII	KOHALA	0.00097	0.00129	0.02793	0.02825	0.02857	0.05586	0.05586	0.05586	5-5-05:6,20, 5-6-01:75

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<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>		
LAPAKAHI SHP	POTABLE	HAWAII	KOHALA	0.00011	0.00015	0.00179	0.00183	0.00186	0.00358	0.00358	0.00358	5-7-01:22	
<b>STATE PARKS DIVISION CONT.</b>													
LAPAKAHI SHP	NONPOTABLE USING POTABLE	HAWAII	KOHALA	0.00101	0.00135	0.01609	0.01643	0.01676	0.03218	0.03218	0.03218	5-7-01:22	
KEALAKEKUA BAY SHP	POTABLE	HAWAII	SOUTH WEST MAUNA LOA	0.00080	0.00080	0.00080	0.00080	0.00080	0.00081	0.00081	0.00081	8-1-07:50 & OTHERS	
KEALAKEKUA BAY SHP	NONPOTABLE USING POTABLE	HAWAII	SOUTH WEST MAUNA LOA	0.07936	0.07941	0.07946	0.07952	0.07957	0.07973	0.07973	0.07973	8-1-07:50 & OTHERS	
HAPUNA BEACH SRA	POTABLE	HAWAII	WEST MAUNA KEA		0.05270	0.05270	0.05270	0.05270	0.05270	0.05270	0.05270	6-6-01:2, 6-6-02:32,34,35,41	
HAPUNA BEACH SRA	NONPOTABLE	HAWAII	WEST MAUNA KEA						0.64995	0.64995	0.64995	6-6-01:2, 6-6-02:32,34,35,41	
HAENA SP	POTABLE	KAUAI	HANALEI	0.01258	0.01998	0.01998	0.01998	0.01998	0.01998	0.01998	0.01998	5-9-6,7,8	
HAENA SP	NONPOTABLE	KAUAI	HANALEI	0.02142	0.03402	0.03402	0.03402	0.03402	0.03402	0.03402	0.03402	5-9-6,7,8	
AHUKINI SRP	POTABLE	KAUAI	LIHUE	0.00021	0.00027	0.00034	0.00041	0.00048	0.00069	0.00069	0.00069	3-7-02:2,7,9,10	
WAILUA RIVER SP	POTABLE	KAUAI	LIHUE	0.00090	0.00121	0.00151	0.00181	0.00211	0.00301	0.00301	0.00301	3-9-02 & OTHERS	
MALAE HEIAU	POTABLE	KAUAI	LIHUE			0.00199	0.00199	0.00202	0.00204	0.00206	0.00215	3/9/02	
MALAE HEIAU	NONPOTABLE USING POTABLE	KAUAI	LIHUE			0.01612	0.01612	0.01631	0.01649	0.01667	0.01740	3/9/02	
RUSSIAN FORT ELIZABETH SHP	POTABLE	KAUAI	WAIMEA	0.00003	0.00192	0.00193	0.00194	0.00195	0.00198	0.00198	0.00198	1-7-05:3	
RUSSIAN FORT ELIZABETH SHP	NONPOTABLE USING POTABLE	KAUAI	WAIMEA	0.00059	0.03641	0.03660	0.03680	0.03699	0.03758	0.03758	0.03758	1-7-05:3	
MAKENA STATE PARK - COMFORT STATIONS WITH COMPOSTING TOILETS	POTABLE	MAUI	KAHIKINUI	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	0.00250	2-1-06: 27 & 30	
MAKENA STATE PARK - SECURITY RESIDENCE	POTABLE	MAUI	KAHIKINUI	0.00060	0.00060	0.00060	0.00060	0.00060	0.00060	0.00060	0.00060	2-1-06: 28 & POR. 53	
HALEKII-PIHANA HEIAU SM	POTABLE	MAUI	WAILUKU	0.00003	0.00004	0.00004	0.00005	0.00006	0.00128	0.00128	0.00128	3-4-30:4	
HALEKII-PIHANA HEIAU SM	NONPOTABLE USING POTABLE	MAUI	WAILUKU	0.00035	0.00047	0.00059	0.00070	0.00082	0.01698	0.01698	0.01698	3-4-30:4	
KUKANILOKO HEIAU (NEAR WHITMORE VILLAGE)	POTABLE	OAHU	CENTRAL			0.00003	0.00004	0.00050	0.00051	0.00051	0.00099	7-1-01:4,8	
KUKANILOKO HEIAU (NEAR WHITMORE VILLAGE)	NONPOTABLE USING POTABLE	OAHU	CENTRAL	0.00028	0.00037	0.00502	0.00511	0.00511	0.01003	0.01003	0.01003	7-1-01:4,8	
DIAMOND HEAD STATE MONUMENT	POTABLE	OAHU	HONOLULU	0.02087	0.02087	0.02087	0.02087	0.02087	0.02087	0.02087	0.02087	3-1-42, 3-1-35	
DIAMOND HEAD STATE MONUMENT	NONPOTABLE	OAHU	HONOLULU	0.27733	0.27733	0.27733	0.27733	0.27733	0.27733	0.27733	0.27733	3-1-42, 3-1-35	
KAIWI SP	POTABLE	OAHU	HONOLULU			0.00164	0.00219	0.00274	0.00329	0.00384	0.00548	3-9-11:2,3,5,6,7,4-01-14:1	
KALIHI VALLEY SP	POTABLE	OAHU	HONOLULU			0.00019	0.00025	0.00031	0.00037	0.00043	0.00062	1-3-24:2	
KUULEI CLIFFS	POTABLE	OAHU	HONOLULU					0.00003	0.00005	0.00094	0.00095	3-1-42	
KUULEI CLIFFS	NONPOTABLE USING POTABLE	OAHU	HONOLULU	0.00027	0.00037	0.00758	0.00767	0.00776	0.00803	0.00803	0.00803	3-1-42	
MAKALEI PLACE	POTABLE	OAHU	HONOLULU			0.00000	0.00000	0.00040	0.00040	0.00040	0.00081	3-1-42	

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				02001 MGD	02002 MGD	02003 MGD	02004 MGD	02005 MGD	02010 MGD	02015 MGD	02020 MGD	
<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>	
MAKALEI PLACE	NONPOTABLE USING POTABLE	OAHU	HONOLULU			0.00018	0.00024	0.03990	0.03997	0.04003	0.07981	3-1-42
MAKIKI TANTALUS STATE PARK	POTABLE	OAHU	HONOLULU	0.00141	0.00187	0.00994	0.01041	0.01088	0.01229	0.01229	0.01229	2-5-19
<b>STATE PARKS DIVISION CONT.</b>												
MAKIKI TANTALUS STATE PARK	NONPOTABLE USING POTABLE	OAHU	HONOLULU	0.00229	0.00306	0.01622	0.01699	0.01775	0.02004	0.02004	0.02004	2-5-19
ROYAL MAUSOLEUM SM	POTABLE	OAHU	HONOLULU	0.00014	0.00019	0.00024	0.00029	0.00034	0.00048	0.00048	0.00048	2-2-20:14, 2-2-21:7,12
SAND ISLAND SRA	POTABLE	OAHU	HONOLULU	0.00001	0.00001	0.00241	0.00242	0.00242	0.00243	0.00243	0.00243	1-5-41:6
SAND ISLAND SRA	NONPOTABLE USING POTABLE	OAHU	HONOLULU	0.00081	0.00109	0.23896	0.23923	0.23950	0.24031	0.24031	0.24031	1-5-41:6
WASHINGTON PLACE	POTABLE	OAHU	HONOLULU	0.00062	0.00082	0.00103	0.00123	0.00144	0.00206	0.00206	0.00206	2-1-18:46
PUU MAHUKA HEIAU SM	POTABLE	OAHU	NORTH				0.00013	0.00017	0.00225	0.00229	0.00233	5-9-05:68
PUU MAHUKA HEIAU SM	NONPOTABLE USING POTABLE	OAHU	NORTH	0.00061	0.00082	0.01098	0.01119	0.01139	0.01201	0.01201	0.01201	5-9-05:68
AIEA BAY STATE RECREATION AREA	POTABLE	OAHU	PEARL HARBOR	0.00021	0.00027	0.00034	0.00041	0.00048	0.00069	0.00069	0.00069	9-8-19:2 & OTHERS
WAIMANO GULCH STATE PARK RESERVE	POTABLE	OAHU	PEARL HARBOR				0.00000	0.00000	0.00000	0.00000	0.00000	9-7-25
WAIMANO GULCH STATE PARK RESERVE	NONPOTABLE USING POTABLE	OAHU	PEARL HARBOR	0.00002	0.00003	0.00003	0.00004	0.00005	0.14223	0.14223	0.14223	9-7-25
KAENA POINT SP	POTABLE	OAHU	WAIANAE	0.00102	0.00136	0.00542	0.00576	0.00610	0.01084	0.01084	0.01084	6-9-01:2 & OTHERS
KAENA POINT SP	NONPOTABLE	OAHU	WAIANAE	0.00227	0.00302	0.01206	0.01282	0.01357	0.02412	0.02412	0.02412	6-9-01:2 & OTHERS
HEEIA STATE PARK	POTABLE	OAHU	WINDWARD	0.00003	0.00004	0.00006	0.00007	0.00008	0.00011	0.00011	0.00011	4-6-05:2,4,9
KAHANA VALLEY SP	POTABLE	OAHU	WINDWARD	0.00026	0.00034	0.00043	0.00051	0.00060	0.00085	0.00085	0.00085	5-2-01:1, 5-2-02:1-8, 5-2-05:1,3,20,21
LAIE POINT STATE WAYSIDE	POTABLE	OAHU	WINDWARD			0.00017	0.00022	0.00110	0.00116	0.00121	0.00138	5-5-10:2,3,22,29
LAIE POINT STATE WAYSIDE	NONPOTABLE USING POTABLE	OAHU	WINDWARD			0.00024	0.00032	0.00158	0.00166	0.00175	0.00199	5-5-10:2,3,22,29
MALAEKAHANA SRA (KAHUKU SECTION)	POTABLE	OAHU	WINDWARD			0.01000	0.01000	0.01000	0.02000	0.02000	0.02000	5-6-01:4,24,25,45,46,47,51,53-65
MALAEKAHANA SRA (KAHUKU SECTION)	NONPOTABLE	OAHU	WINDWARD			0.03000	0.03000	0.03000	0.06000	0.06000	0.06000	5-6-01:4,24,25,45,46,47,51,53-65
MALAEKAHANA SRA (KALANAI POINT SECTION)	POTABLE	OAHU	WINDWARD			0.01000	0.01000	0.01000	0.02000	0.02000	0.02000	5-6-01:4,24,25,45,46,47,49,51,53-65
MALAEKAHANA SRA (KALANAI POINT SECTION)	NONPOTABLE	OAHU	WINDWARD			0.03000	0.03000	0.03000	0.06000	0.06000	0.06000	5-6-01:4,24,25,45,46,47,49,51,53-65
NUUANU PALI SW	POTABLE	OAHU	WINDWARD				0.00164	0.00219	0.00274	0.00329	0.00384	1-9-07:1, 2-2-54:1
SACRED FALLS STATE PARK	POTABLE	OAHU	WINDWARD	0.00154	0.00206	0.00257	0.00308	0.00360	0.00514	0.00514	0.00514	5-3-11:9
ULUPO HEIAU STATE MONUMENT	POTABLE	OAHU	WINDWARD			0.00039	0.00052	0.00065	0.00078	0.00091	0.00130	4-2-13:2
<b>DLNR SUBTOTAL=</b>				<b>0.46241</b>	<b>0.60201</b>	<b>1.12148</b>	<b>1.17029</b>	<b>1.22051</b>	<b>2.25145</b>	<b>2.25476</b>	<b>2.30154</b>	



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<b>DEPARTMENT OF TRANSPORTATION</b>												
<b>AIRPORTS DIVISION</b>												
KONA INTERNATIONAL AIRPORT MASTER PLAN	POTABLE	HAWAII	HUALALAI	0.12200	0.13200	0.14200	0.15200	0.16200	0.17200	0.20400	0.24200	7-3-10
HILO INTERNATIONAL AIRPORT MASTER PLAN	POTABLE	HAWAII	NORTH EAST MAUNA LOA	0.00400	0.00600	0.00800	0.01000	0.01200	0.01300	0.02000	0.02800	2-1-12
LIHUE AIRPORT MASTER PLAN	POTABLE	KAUAI	LIHUE	0.00800	0.01300	0.01500	0.01900	0.02400	0.05200	0.09500	0.14500	3-5-01
LANAI AIRPORT MASTER PLAN	POTABLE	LANAI	CENTRAL	0.00040	0.00060	0.00090	0.00120	0.00150	0.00190	0.00290	0.00390	4-9-02
KAHULUI AIRPORT ACCESS ROAD	POTABLE	MAUI	CENTRAL				0.10000					3-8-01
KAHULUI AIRPORT MASTER PLAN	POTABLE	MAUI	CENTRAL	0.01200	0.01700	0.02200	0.02700	0.03200	0.06700	0.11700	0.16700	3-8-01
HANA AIRPORT MASTER PLAN	POTABLE	MAUI	HANA	0.00050	0.00060	0.00070	0.00080	0.00090	0.00100	0.00200	0.00400	NR
MOLOKAI AIRPORT MASTER PLAN	POTABLE	MOLOKAI	CENTRAL	0.00020	0.00030	0.00040	0.00050	0.00060	0.00100	0.00150	0.00250	5-2-04
HONOLULU INTERNATIONAL AIRPORT	POTABLE	OAHU	HONOLULU						0.10000	0.10000	0.10000	1-1-03
DILLINGHAM FIELD - MOKULEIA	POTABLE	OAHU	NORTH	0.00200	0.00300	0.00400	0.00500	0.00600	0.01500	0.02500	0.03500	6-8-02
<b>HARBORS DIVISION</b>												
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: DRY BULK CARGO TERMINALS	POTABLE	HAWAII	KOHALA		0.01800	0.01800	0.01800	0.01800	0.01800	0.01800	0.01800	3-6-1:03
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: INTER-ISLAND CARGO TERMINAL	POTABLE	HAWAII	KOHALA						0.03300	0.06600	0.06600	3-6-1:03
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: LIQUID BULK CARGO TERMINALS	POTABLE	HAWAII	KOHALA			0.06900	0.06900	0.06900	0.06900	0.06900	0.06900	3-6-1:03
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: MILITARY CARGO TERMINAL	POTABLE	HAWAII	KOHALA		0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	0.04800	3-6-1:03
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: OVERSEAS CONTAINER TERMINAL	POTABLE	HAWAII	KOHALA					0.06300	0.06300	0.06300	0.06300	3-6-1:03
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: PASSENGER TERMINAL-KAWAIHAE HARBOR	POTABLE	HAWAII	KOHALA						0.01500	0.01500	0.01500	3-6-1:03
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: OCEAN RESEARCH STATION	POTABLE	HAWAII	NORTH EAST MAUNA LOA						0.01200	0.01200	0.01200	3-2-1:07
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: OVERSEAS CONTAINER TERMINAL	POTABLE	HAWAII	NORTH EAST MAUNA LOA				0.06000	0.06000	0.06000	0.06000	0.06000	3-2-1:09
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: PASSENGER TERMINAL-HILO HARBOR	POTABLE	HAWAII	NORTH EAST MAUNA LOA						0.01500	0.01500	0.01500	3-2-1:07
HAWAII COMMERCIAL HARBORS 2020 MASTER PLAN: INTER-ISLAND CARGO TERMINAL	POTABLE	HAWAII	NORTH EAST MAUNA LOA					0.06000	0.06000	0.06000	0.06000	3-2-1:07
PORT ALLEN AIRPORT MASTER PLAN	POTABLE	KAUAI	LIHUE	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00300	0.00400	1-8-08:1
KAUAI COMMERCIAL HARBORS - 2025 MASTER PLAN: COMMERCIAL/NAVY VESSEL BERTHING	POTABLE	KAUAI	WAIMEA						0.00300	0.00300	0.00300	4-2-1:03
KAHULUI COMMERCIAL HARBOR - 2025 MASTER PLAN: CARGO YARD	POTABLE	MAUI	CENTRAL	0.05000	0.05000	0.05000	0.05000	0.05000	0.10000	0.10000	0.10000	2-3-7:8,10
KAUNAKAKAI HARBOR - 2010 MASTER PLAN	POTABLE	MOLOKAI	SOUTH EAST							0.03660	0.03660	NR

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<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>		
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: DRY BULK CARGO YARD	POTABLE	OAHU	EWA CAPROCK		0.11000	0.11000	0.11000	0.11000	0.11000	0.11000	0.11000	9-1-14	
<b>HARBORS DIVISION CONT.</b>													
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: PETROLEUM PIER	POTABLE	OAHU	EWA CAPROCK					0.02000	0.02000	0.02000	0.02000	9-1-14	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: SHIPYARD	POTABLE	OAHU	EWA CAPROCK				0.09000	0.09000	0.09000	0.09000	0.09000	9-1-14	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: COMMERCIAL FISHING BERTHS	POTABLE	OAHU	HONOLULU					0.00003	0.00003	0.00003	0.00003	2-1-01	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: EXCURSION VESSEL & FERRY TERMINAL	POTABLE	OAHU	HONOLULU		0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	0.07000	1-5-38	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: FOREIGN FISHING & OIL RESPONSE LAY BERTHS	POTABLE	OAHU	HONOLULU					0.00003	0.00003	0.00003	0.00003	1-1-76	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: GENERAL/NEOBULK CARGO YARD	POTABLE	OAHU	HONOLULU		0.04000	0.08000	0.08000	0.08000	0.08000	0.08000	0.08000	1-5-36	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: KAPALAMA MILITARY RESER.CONTAINER YD	POTABLE	OAHU	HONOLULU						0.27000	0.27000	0.27000	1-2-25	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: KEEHI INDUSTRIAL PARK ASSOCIATION	POTABLE	OAHU	HONOLULU					0.05000	0.05000	0.05000	0.05000	1-2-23	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: PASSENGER TERMINAL	POTABLE	OAHU	HONOLULU			0.06000	0.06000	0.06000	0.06000	0.06000	0.06000	2-1-15	
OAHU COMMERCIAL HARBORS 2020 MASTER PLAN: PASSENGER TERMINAL & GENERAL CARGO YARD	POTABLE	OAHU	HONOLULU		0.03000	0.03000	0.06000	0.06000	0.06000	0.06000	0.06000	1-5-39	
<b>DIVISION OF HIGHWAYS</b>													
QUEEN KAAHUMANU HWY WIDENING, KAILUA TO KEAHOLE	NONPOTABLE USING POTABLE	HAWAII	HUALALAI			0.24000	0.24000	0.24000	0.06000	0.06000	0.06000	NR	
MAMALAOHA HWY, EMERGENCY REPLACE OF PAAUUAU STR.BRIDGE, REALIGN.OF KAMANANI ST., ETC.	NONPOTABLE USING POTABLE	HAWAII	KILAUJA	0.03200	0.03200	0.00800	0.00800	0.00800	0.00800	0.00800	0.00800	9-6-23:43, 9-6-05:46, 9-6-12:12, 9-6-02:47, 9-6-13:05	
KAUMUALII HWY IMPROVEMENTS, LIHUE TO WEST OF MALUHIA	NONPOTABLE USING POTABLE	KAUAI	LIHUE			0.23200	0.23200	0.05800	0.05800	0.05800	0.05800	NR	
KUHIO HWY, HANAMAULU TO KAPAA	NONPOTABLE USING POTABLE	KAUAI	LIHUE					0.13600	0.03400	0.03400	0.03400	NR	
HALEAKALA HWY WIDENING, PUKALANI BYPASS TO HANA HWY	NONPOTABLE USING POTABLE	MAUI	CENTRAL				0.06600	0.06600	0.01700	0.01700	0.01700	NR	
HONOAPILANI HWY WIDENING, NORTH KIHEI ROAD TO MAALAEA HARBOR	NONPOTABLE USING POTABLE	MAUI	CENTRAL		0.01800	0.01800	0.00450	0.00450	0.00450	0.00450	0.00450	NR	
NORTH-SOUTH ROAD KAPOLEI PARKWAY TO FARRINGTON HWY, PHASE 1	NONPOTABLE USING POTABLE	OAHU	EWA CAPROCK						0.04500	0.01140	0.01140	NR	
NORTH-SOUTH ROAD, FARRINGTON HIGHWAY TO INTERSTATE RTE. H-1, PHASE 2	NONPOTABLE USING POTABLE	OAHU	EWA CAPROCK				0.24000	0.24000	0.06000	0.06000	0.06000	NR	
PUULOA ROAD IMPROVEMENTS, KAMEHAMEHA HWY TO SALT LAKE BLVD (LANDSCAPING)	NONPOTABLE USING POTABLE	OAHU	HONOLULU			0.02400	0.02400	0.00600	0.00600	0.00600	0.00600	NR	
FARRINGTON HWY IMPROVEMENTS, WAIPAHU DEPOT ROAD TO ANIANI STREET	NONPOTABLE USING POTABLE	OAHU	PEARL HARBOR				0.01600	0.01600	0.00400	0.00400	0.00400	9-4-01,10,11,14,25	
FARRINGTON HWY MEDIAL STRIP, KAMEHAMEHA HWY TO FORT WEAVER ROAD	NONPOTABLE USING POTABLE	OAHU	PEARL HARBOR		0.06000	0.06000	0.06000	0.03000	0.03000	0.03000	0.03000	NR	
ROUTE H3, HALAWA INTERCHANGE FINISH CONTRACT, UNIT VII	NONPOTABLE USING POTABLE	OAHU	PEARL HARBOR		0.00650	0.00325	0.00650	0.00325	0.00325	0.00325	0.00325	NR	
KAHEKILI HWY	NONPOTABLE USING POTABLE	OAHU	WINDWARD			0.05400	0.01350	0.01350	0.01350	0.01350	0.01350	NR	
<b>DOT SUBTOTAL=</b>				<b>0.23410</b>	<b>0.71200</b>	<b>1.32975</b>	<b>1.94400</b>	<b>1.97131</b>	<b>2.03021</b>	<b>2.25571</b>	<b>2.41671</b>		







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<b>SWPP Statewide Project Demand Total=</b>				<b>12.19</b>	<b>18.10</b>	<b>25.22</b>	<b>26.59</b>	<b>33.20</b>	<b>69.42</b>	<b>76.55</b>	<b>80.87</b>		
HONOLULU COMMUNITY COLLEGE, HUMAN SERVICES LABORATORY FACILITY	POTABLE	OAHU	HONOLULU						0.01405	0.01405	0.01405	NR	
HONOLULU COMMUNITY COLLEGE, HUMAN SERVICES LABORATORY FACILITY	NONPOTABLE USING POTABLE	OAHU	HONOLULU						0.00029	0.00029	0.00029	NR	
<b>UNIVERSITY OF HAWAII CONT.</b>													
HONOLULU COMMUNITY COLLEGE, MARINE PROPULSION FACILITY	POTABLE	OAHU	HONOLULU						0.01072	0.01072	0.01072	1-5-41:6,130	
PEARL CITY URBAN GARDEN CENTER	NONPOTABLE USING POTABLE	OAHU	PEARL HARBOR	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	0.02000	9-7-23:3	
LEEWARD COMMUNITY COLLEGE - BUILDING L SOCIAL SCIENCES	POTABLE	OAHU	PEARL HARBOR						0.01604	0.01604	0.01604	9-6-003-048	
LEEWARD COMMUNITY COLLEGE - BUILDING L SOCIAL SCIENCES	NONPOTABLE USING POTABLE	OAHU	PEARL HARBOR						0.00016	0.00016	0.00016	9-6-003-048	
LEEWARD COMMUNITY COLLEGE - NAO PRKG LOT	NONPOTABLE USING POTABLE	OAHU	PEARL HARBOR						0.00200	0.00200	0.00200	9-6-003-048	
LEEWARD COMMUNITY COLLEGE, FOOD SERVICES PROGRAM RENOVATION	POTABLE	OAHU	PEARL HARBOR			0.00088	0.00088	0.00088	0.00088	0.00088	0.00088	9-6-003: 048	
UNIVERSITY OF HAWAII AT MANOA, WAIMANALO, FOOD AND AGRICULTURE INNOVATION CENTER	POTABLE	OAHU	WINDWARD	0.01500	0.09000	0.18500	0.18500	0.18500	0.18500	0.18500	0.18500	4-1-08: 80, PORTION OF 5, PORTION OF 74	
UNIVERSITY OF HAWAII AT MANOA, WAIMANALO, FOOD AND AGRICULTURE INNOVATION CENTER	NONPOTABLE USING POTABLE	OAHU	WINDWARD	0.08800	0.51000	1.05000	1.05000	1.05000	1.05000	1.05000	1.05000	4-1-08: 80, PORTION OF 5, PORTION OF 74	
WINDWARD COMMUNITY COLLEGE - BUILDING D CAMPUS CENTER	POTABLE	OAHU	WINDWARD		0.05961	0.05961	0.05961	0.05961	0.05961	0.05961	0.05961	NR	
WINDWARD COMMUNITY COLLEGE - BUILDING D CAMPUS CENTER	NONPOTABLE USING POTABLE	OAHU	WINDWARD		0.00381	0.00381	0.00381	0.00381	0.00381	0.00381	0.00381	NR	
WINDWARD COMMUNITY COLLEGE - BUILDING H, LEARNING RESOURCE CENTER	POTABLE	OAHU	WINDWARD				0.00482	0.00482	0.00482	0.00482	0.00482	NR	
WINDWARD COMMUNITY COLLEGE - BUILDING H, LEARNING RESOURCE CENTER	NONPOTABLE USING POTABLE	OAHU	WINDWARD				0.00054	0.00054	0.00054	0.00054	0.00054	NR	
WINDWARD COMMUNITY COLLEGE - BUILDING J HUMANITIES	POTABLE	OAHU	WINDWARD	0.05815	0.05815	0.05815	0.05815	0.05815	0.05815	0.05815	0.05815	0.05874 NR	
WINDWARD COMMUNITY COLLEGE - BUILDING J HUMANITIES	NONPOTABLE USING POTABLE	OAHU	WINDWARD	0.00059	0.00059	0.00059	0.00059	0.00059	0.00059	0.00059	0.00059	NR	
WINDWARD COMMUNITY COLLEGE - BUILDING K-1, MULTI-MEDIA FACILITY	POTABLE	OAHU	WINDWARD	0.00479	0.00479	0.00479	0.00479	0.00479	0.00479	0.00479	0.00479	4-5-23: 2	
WINDWARD COMMUNITY COLLEGE - BUILDING K-1, MULTI-MEDIA FACILITY	NONPOTABLE USING POTABLE	OAHU	WINDWARD	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	4-5-23: 2	
WINDWARD COMMUNITY COLLEGE - PARKING LOT @ KUHINA	NONPOTABLE USING POTABLE	OAHU	WINDWARD				0.00160	0.00160	0.00160	0.00160	0.00160	4-5-023:002	
WINDWARD COMMUNITY COLLEGE - SCIEN ANNEX	POTABLE	OAHU	WINDWARD	0.00360	0.00360	0.00360	0.00360	0.00360	0.00360	0.00360	0.00360	4-5-23:2	
<b>UH SUBTOTAL=</b>				<b>0.66899</b>	<b>3.78301</b>	<b>4.46619</b>	<b>4.55429</b>	<b>4.62307</b>	<b>5.57939</b>	<b>6.03849</b>	<b>6.48598</b>		