Appendix B
DWSRF Priority List of Projects for SFY 2007

No.	Pts	DWSRF Proj No.	Public Water System	Population	Owner	Project (Name and Description)	Expected Start Date	Cost
1	150	DW133-0001	#133 DWS Kukuihaele	**455**	Hawaii DWS	**Kukuihaele Well "A" (Replace Waiulili Spring)**: Replacement source for Waiulili Spring which has atrazine and indication of possible surface water influence.	Jun-07	$ 2,671,606
2	145	DW130-0003	#130 DWS South Kohala	**8,872**	Hawaii DWS	**Waimea WTP Microfiltration - Phase IV**: Microfiltration plant for compliance with Enhanced Surface Water Treatment Rule and Disinfection/Disinfectant By-product Rule.	May-08	$ 10,000,000
3	130	DW105-0001	#105 DWS Honomu	**621**	Hawaii DWS	**Honomu Well "A" (Replace Akaka Falls Spring)**: Replacement source for Akaka Falls to comply with the Lead and Copper Rule and has indication of possible surface water influence.	Nov 03**	$ 2,000,000
4	130	DW213-0003	#213 DWS Makawao	33,000	Maui DWS	**Kamole Weir Water Treatment Facility Clear Well Replacement:** Replace existing 300,000 gal clearwell at Kamole Treatment Plant with 2 MG clearwell tank.	Mar-06**	$ 8,000,000
5	125	DW103-0001	#103 DWS Ninole	**146**	Hawaii DWS	**Ninole Well "A" (Replace Chaves Spring)**: Replacement source for Chaves Spring which has atrazine.	Apr-08	$ 2,000,000
6	120	DW109-0001	#109 DWS Pahala	**1,316**	Hawaii DWS	**Pahala Well "B" (Replace Alii Tunnel)**: Replacement source for Alii tunnel which was determined to be a groundwater under the influence of surface water.	Feb-02 **	$ 2,051,908
7	110	DW214-0006	#214 Lahaina	16,000	Maui DWS	**Honokahua Well "A" GAC Treatment**: Installation of Granular Activated Carbon Adsorption System to provide treatment for the removal of DBCP from well serving Mahinahina (Lahaina) system.	FY-08	$ 1,700,000
8	105	DW128-0001	#128 Halaula	**526**	Hawaii DWS	**Halaula Well:** Replacement source for Bond Tunnel to comply with the Lead and Copper Rule. Construction of potable water well.	Apr-07	$ 2,200,000
9	105	DW234-0002	#234 DWS Kaunakakai	**3,338**	Maui DWS	**East-Central Molokai Link**: Installation of connection between Ualapue and Kaunakakai-Kawela Systems to improve reliability and water quality (chlorides).	FY-09	$ 4,000,000
10	100	DW106-0001	#106 DWS Pepeekeo	**1,359**	Hawaii DWS	**Kulaimano Well "B" (Replace Maukaloa Spring)**: Replacement source for Maukaloa Spring which is contaminated with atrazine.	Jan-07**	$ 2,500,000

** projects with commitment

Appendix B
DWSRF Priority List of Projects for SFY 2007

No.	Pts	DWSRF Proj No.	Public Water System	Population	Owner	Project (Name and Description)	Expected Start Date	Cost
11	95	DW413-0003	#413 DW Wailua-Kapaa	16,484	Kauai DW	**Akulikuli Tunnel Repairs**: Repairs to tunnel source which has possible indication of surface water influence.	Jan-07	$ 1,500,000
12	80	DW218-0002	#218 DWS Honokohau	**42**	Maui DWS	**Honokohau Water Source Replacement:** Installation of a new well or treatment facility to replace source for the Honokohau system.	Jul-07	$ 1,500,000
13	80	DW217-0003	#217 DWS Hana	**1,084**	Maui DWS	**Hamoa-Koali Waterline:** Install 17,000-ft of 8-in waterline from Hamoa to Koali Booster pump.	Jan-07	$ 6,000,000
14	80	DW217-0001	#217 DWS Hana	**1,084**	Maui DWS	**Koali Line and Tank Replacement**: Replacement of approximately 17,000-ft of 4" WL from Hamoa to Hana with 8" WL and appurtenances.	FY-08	$ 2,765,000
15	80	DW217-0002	#217 DWS Hana	**1,084**	Maui DWS	**Hamoa Well:** Develop well at existing Hamoa Well and Tank site.	FY-09	$ 1,200,000
16	80	DW234-0003	#234 DWS Kaunakakai	**3,338**	Maui DWS	**Kaunakakai-Kawela System Well 2:** New well to replace/supplement shallow well for water quality.	FY-08	$ 3,500,000
17	80	DW412-0002	#412 DW Puhi	**1,923**	Kauai DW	**Puhi Well No. 2 & 3 CO2 Removal**: Installation of forced draftway aeration with the use of existing soda ash system for stabilizing the stripped water (Lead and Copper Rule).	May-08	$ 305,000
18	80	DW331-0026	#331 BWS Honolulu-Windward-Pearl Harbor	607,524	Hon BWS	**Stadium Area Water System Improvements, Part I:** Install 12-in main & appurtenances along Kalaloa St from Ohekani Lp to Kam Hwy-9000 LF. Install 8-in mains & appurtenances, etc... 5300 LF.	Aug-06**	$ 1,936,000
19	80	DW332-0003	#332 BWS Wailua-Haleiwa	11,572	Hon BWS	**Haleiwa Road Water System Improvements:** Install 12-in main & appurtenances along Haleiwa Rd from Waialua Brach Rd to Paukauila Stream Br - approx 1525 LF. Install 8-in mains, etc... 4500LF.	Aug-06**	$ 1,815,000
20	80	DW331-0021	#331 BWS Honolulu-Windward-Pearl Harbor	607,524	Hon BWS	**Punahou Water System Improvements**: Install 8" main & appurtenances along Hunnewell St from Lanihuli St to Seaview Ave, along Metcalf St from Wilder Ave to University Ave, etc... 4500 LF.	FY-05	$ 1,125,000

** projects with commitment

Appendix B
DWSRF Priority List of Projects for SFY 2007

No.	Pts	DWSRF Proj No.	Public Water System	Population	Owner	Project (Name and Description)	Expected Start Date	Cost
21	80	DW331-0025	#331 BWS Honolulu-Windward-Pearl Harbor	607,524	Hon BWS	**Liliha Water System Improvements, Phase B:** Install 12-in main & appurtenances along Liliha St from School St to Judd St-approx 2760 LF. Install 8-in & 4-in mains along Kauila St, etc... approx 1610 LF.	Aug-06**	$ 1,815,000
22	80	DW214-0008	#214 DWS Lahaina	16,000	Maui DWS	**Mahinahima Water Treatment Facility Retrofit:** Retrofit WTF from multimedia to membrane filtration to achieve positive barrier to enhance water quality.	Dec-07	$ 11,210,000
23	80	DW213-0005	#213 DWS Makawao	33,000	Maui DWS	**Omaopio Tank Replacement:** Replace existing tank with new tank, roof of old tank is failing.	Nov-07	$ 6,800,000
24	80	DW212-0002	#212 DWS Wailuku & Makawao	85,200	Maui DWS	**Kahului Tank Replacement:** Replace existing tank with new tank, roof of old tank is failing.	Nov-07	$ 5,450,000
25	80	DW331-0018	#331 BWS Honolulu-Windward-Pearl Harbor	607,524	Hon BWS	**Pearl City Water System Improvements**: Install 8" mains & appurtenances along Hooheke St from Hookanike St to Hooia St etc... 5555 LF. Install 4" mains & appurtenances along pvt rds, etc... 300 LF.	Aug-06**	$ 1,355,000
26	80	DW331-0023	#331 BWS Honolulu-Windward-Pearl Harbor	607,524	Hon BWS	**Kalama 400 Reservoir (1.0MG) and Kalama 170 Booster Station:** Install reservoir and booster station to balance system.	Dec-08	$ 4,500,000
27	80	DW331-0024	#331 BWS Honolulu-Windward-Pearl Harbor	607,524	Hon BWS	**Alewa Water System Improvements:** Install 8-in mains & appurtenances along Alewa Drive from Mamalu St to Twin View Dr; along Mahalo St from Judd St to Twin View Dr, etc... approx 7205 LF.	Aug-06**	$ 1,590,000
28	80	DW331-0022	#331 BWS Honolulu-Windward-Pearl Harbor	607,524	Hon BWS	**Waialae 180 Reservoir Replacement (3.0 MG):** Demolish existing 1.0 MG reservoir and replace with 3.0 MG reservoir.	Dec-10	$ 9,000,000
29	70	DW404-0003	#404 DW Hanapepe - Eleele	**4,507**	Kauai DW	**Refurbish Eleele Steel Tanks:** Refurbish leaking and deteriorating tanks, reroof, repair interior and exterior walls and floors (2-0.4 MG tanks).	Jul-06	$ 1,000,000
30	70	DW130-0004	#130 DWS South Kohala	**8,872**	Hawaii DWS	**Waimea WTP Sludge Disposal - Phase III**: Sludge disposal system for compliance with Filter Backwash Recycling Rule.	Jul-06	$ 5,000,000

** projects with commitment

Appendix B
DWSRF Priority List of Projects for SFY 2007

No.	Pts	DWSRF Proj No.	Public Water System	Population	Owner	Project (Name and Description)	Expected Start Date	Cost
31	70	DW403-0001	#403 DW Hanalei	**989**	Kauai DW	**Rehabilitation of Maka Ridge Deep Well, Tank Pipeline and Roadway:** Rehabilitate Maka Ridge deep wekk control building, tank walls, and roof. Replace 3650-ft of 8-in pipeline & improve road.	Jun-07	$ 2,000,000
32	70	DW415-0002	#415 DW Haena-Wainiha	**1,051**	Kauai DW	**Haena Steel Tank and Wainiha Booster Pump Renovation (HW-02 & HW-03):** Repairs and renovations to the existing 0.1 MG steel tank and installation of a pair of 50 gpm booster pumps.	Mar-07	$ 1,400,000
33	70	DW406-0002	#406 DW Kekaha	**3,007**	Kauai DW	**Waimea Canyon Drive Main Replacement:** PhI: Waimea Canyon Drive 12" main replacement and PhII: Kaumualii Hwy 6" main replacement.	Apr-06	$ 3,000,000
34	70	DW408-0002	#408 DW Koloa-Poipu	**5,136**	Kauai DW	**Poipu Road 16 inch Main Replacement:** PhI: Kiahuna Plant Dr to Kuai Rd, PhII: Lawai Rd to Kiahuna Plant Dr.	Feb-06**	$ 1,400,000
35	70	DW409-0002	#409 DW Lawai-Omao	**3,391**	Kauai DW	**Omao 677 - 0.50 MG Tank**: Construct new 0.50 MG tank at 677.	Dec-06	$ 1,500,000
36	70	DW412-0003	#412 DW Puhi	**1,923**	Kauai DW	**Kokolau Intake Facility and Pipeline Replacement:** Upgrade of intake facility along with repairs and renovation of the existing 15-in connecting waterline for the Lihue Water System.	Apr-07	$ 2,750,000
37	70	DW434-0001	#434 DW Kalaheo Deep Well	**5,108**	Kauai DW	**Kukuiolono 0.2 MG Tank Refurbish**: Refurbish leaking and deteriorating tank, reroof, repair interior and exterior walls and floor.	Jan-07	$ 400,000
38	70	DW434-0002	#434 DW Kalaheo Deep Well	**5,108**	Kauai DW	**Kalaheo Nursery Tank Booster Pump Station (2-200 GMP):** Refurbish leaking and deteriorating tank, reroof, repair interior and exterior walls and floor.	Jan-08	$ 350,000
39	70	DW413-0007	#413 DW Wailua-Kapaa	16,484	Kauai DW	**Pipeline Replacement, Kapaa Homesteads**: Wailua-Kapaa Water System; Kappa, Kauai, HI - Pipeline Replacement - 23,470+LF.	Sep-06**	$ 5,000,000
40	70	DW413-0008	#413 DW Wailua-Kapaa	16,484	Kauai DW	**Wailua Houselots Main Replacement, Ph I and II**: Wailua-Kapaa Water System, Wailua, Kauai, HI - Pipeline Replacement - 10,170+LF.	Jul-06**	$ 3,000,000

** projects with commitment

Appendix B
DWSRF Priority List of Projects for SFY 2007

No.	Pts	DWSRF Proj No.	Public Water System	Population	Owner	Project (Name and Description)	Expected Start Date	Cost
41	70	DW413-0006	#413 DW Wailua-Kapaa	16,484	Kauai DW	**16 inch Waterline Replacement along Kuhio Highway**: Leho Drive to N. Papaloa Road, Wailua, Kauai, Hawaii. 16" Pipeline replacement on Kuhio Highway.	Feb-06**	$ 1,400,000
42	60	DW248-0001	#248 Kawela Plantation	**160**	Kawela Plantation Homeowners Association	**Kawela Plantation Source Replacement:** Installation of new wells and supporting infrastructure at Kawela Plantation, Molokai.	pending funding (Sep-06)	$ 1,650,000
43	60	DW417-0003	#417 Gay & Robinson	**2,201**	Gay & Robinson	**Kaumakani Storage Tanks:** Replace leaking and deteriorating 100,000 gallon tank.	pending funding	$ 150,000
44	60	DW417-0001	#417 Gay & Robinson	**2,201**	Gay & Robinson	**Pakala Water Tank**: Replace a leaking and deteriorated redwood tank.	pending funding	$ 130,000
45	60	DW417-0002	#417 Gay & Robinson	**2,201**	Gay & Robinson	**Olokele Shaft Pipe Repair:** Olokele Shaft State Well No. 5635-01, slipline aging and leaking transite asbestos pipe. 800' of 10" pipe at 30 degrees slope.	pending funding	$ 100,000
46	55	DW220-0002	#220 DWS Nahiku	**86**	Maui DWS	**Nahiku Tunnel Replacement**: Replacement source for Nahiku Tunnel which is inadequate in size & may be susceptible to becoming a groundwater under the influence of surface water.	FY-09	$ 1,500,000
47	55	DW233-0001	#233 DWS Ualapue	**979**	Maui DWS	**Ualapue Well Replacement**: Installation of replacement source for Ualapue System which has increasing chloride levels and may be susceptible to becoming a groundwater under the influence of surface water.	FY-09	$ 2,000,000
48	45	DW108-0001	#108 DWS Waiohinu-Naalehu	**2,225**	Hawaii DWS	**Waiohinu Well (Replace Mountain House Tunnel & Hao Spring)**: Replacement source for Mountain House Tunnel & Hao Springs which are not reliable during drought & indication of possible surface water influence.	Jul-06	$ 2,000,000
49	45	DW154-0001	#154 DWS Hakalau-Wailea	**272**	Hawaii DWS	**Hakalau Spring Improvement**: Installation of a filtration system for spring which has possible indications of surface water influence.	Apr-08	$ 2,370,000
50	45	DW161-0001	#161 DWS Haina	**3,312**	Hawaii DWS	**Ahualoa Well Development:** Well development to replsce Kohakohau Stream, a surface water source.	May-06	$ 5,000,000

** projects with commitment