

**APPENDIX A
DWSRF PRIORITY LIST OF PROJECTS FOR SFY 2017**

Rank	Project No.	PWS No.	PWS Owner/Name	Project Title	Project Description	Estimated Start Date for Contractor Invoicing	Estimated Total Cost	Population
1	DW129-0001	129	HDWS North Kohala	Halaula Well Development Phase 2	Replace source for Bond Tunnel to comply with the Lead and Copper Rule. Construction of potable water well, 0.5 MG reservoir, chlorine/control building, electrical and site improvements, and other supporting facilities	Nov-17	\$ 5,000,000.00	6,579
2	DW112-0002	112	DWS Olaa-Mountain View	Milo Street Water System Improvements	Replace existing waterline which is deteriorating and prone to leaks and breaks, and remove existing deteriorating steel tank and facilities	SFY 2018	\$ 1,500,000.00	5,017
3	DW109-0002	109	DWS Pahala	Pahala Village Waterline Replacement	Replace approximately 2,800 LF of 2" galvanized waterline which is prone to leaks and breaks	SFY 2022	\$ 840,000.00	7,532
4	DW112-0003	112	DWS Olaa-Mountain View	Hay Subdivision Waterline Replacement	Replace existing waterline which is deteriorating and prone to leaks and breaks	SFY 2019	\$ 120,000.00	5,017
5	DW108-0001	108	DWS Waiohinu-Naalehu	Waiohinu Well, Phase 1	Replacement source for Mountain House Tunnel & Hao Springs, which are not reliable during drought	SFY 2020	\$ 1,000,000.00	7,532
6	DW130-0006	130	HDWS North Kohala	Beers Road Waterline Replacement	Replace existing waterline which is deteriorating and prone to leaks and breaks	SFY 2021	\$ 500,000.00	6,579
7	DW131-0001	131	DWS North Kona	Holua Road Waterline Replacement	Replace approximately 1,300 LF of 3" and 2-1/2" galvanized waterline which is deteriorating and prone to leaks and breaks	SFY 2020	\$ 500,000.00	5,914
8	DW106-0002	106	DWS Pepeekeo	Pepeekeo Waterline Replacement	Replace approximately 800 LF of cast iron waterline and 1,800 LF of asbestos-cement pipe which is deteriorating and prone to leaks and breaks	SFY 2020	\$ 1,000,000.00	5,416
9	DW161-0004	161	HDWS Haina	Honokaa Camp 8 Waterline Replacement	Replace existing waterline which is deteriorating and prone to leaks and breaks	SFY 2019	\$ 500,000.00	4,507
10	DW161-0003	161	HDWS Haina	Honokaa Camp 10 Reservoir Replacement	Replace existing reservoir which is undersized and deteriorating	SFY 2020	\$ 1,500,000.00	4,507
11	DW160-0001	160	DWS Lalamilo	Puako Waterline Replacement	Replace approximately 11,000 LF of 8" and 12" waterline which is deteriorating and prone to leaks and breaks	SFY 2018	\$ 1,500,000.00	7,883
12	DW130-0007	130	HDWS South Kohala	Ranchers Subdivision Waterline Replacement	Replace existing waterline which is deteriorating and prone to leaks and breaks	SFY 2020	\$ 100,000.00	9,982
13	DW212-0015	212	DWS Wailuku	Iao Surface Water Treatment Plants Upgrades	Upgrade the existing 1.2 MGD Iao Surface Water Treatment Plant. Upgrades include a building to shelter the microfiltration units (the existing units are exposed with no building), install new microfiltration units and related filter backwash facilities for a 1.2 MGD capacity. The project will provide a reliable water treatment facility. High efficiency pumps will be installed.	Nov-16	\$ 21,500,000.00	8,956
14	DW130-0008	130	DWS South Kohala	Waikoloa Reservoir No. 1 Earthquake Damage Repairs	Repair existing 50 MG raw water reservoir for the Waimea Water Treatment Plant that was damaged from the 2006 Kiholo Earthquake	Dec-16	\$ 5,000,000.00	7,883
15	DW215-0013	215	DWS Upper Kula	Omaopio Tank Booster Pump Replacement	Replace / relocate existing pump station to new tank location.	Mar-17	\$ 2,000,000.00	8,513
16	DW101-0003	101	DWS Hilo	Piihonua-Kukuau Reservoir and Transmission Improvements	Replace undersized and deteriorating 0.08 MG in ground reservoir and install 16" transmission waterline to supplement existing waterlines that is inadequate to supply portions of the Hilo water system during peak usage	Dec-16	\$ 9,429,173.00	4,297
17	DW213-0017	213	DWS Makawao	Pookela Well #2 - Exploratory	Drill and develop a second source well at the same location as Pookela Well #1	Mar-17	\$ 2,500,000.00	3,338
18	DW101-0002	101	DWS Hilo	Puainako Street Waterline Replacement	Replace approximately 7,700 LF of 8" cast iron waterline which is prone to leaks and breaks	SFY 2019	\$ 2,000,000.00	4,297
19	DW331-0068	331	BWS Honolulu-Windward-Pearl Harbor	Energy Savings Performance Contracting-BWS Facilities	Implement an ESPC project on BWS facilities with a goal of reducing energy demand by 20%	Sep-16	\$ 32,881,833.00	700,000
20	HBWS-PF17		BWS	Honolulu BWS Pro-Fi SFY 2017	Water System Improvements on the Island of Oahu	Sep-16	\$ 5,000,000.00	700,000
21	DW214-0014	214	DWS Lahaina	Mahinahina Well #1 Development	Develop existing exploratory well to be a public water source along with pipeline and water tank infrastructure	Mar-17	\$ 13,000,000.00	4,176