

Quarterly Status of **DOW Projects**

Period of January 1, 2014– March 31, 2014

CONSTRUCTION MANAGEMENT DIVISION

Submitted by Dustin Moises, P.E.

Department of Water

April 24, 2014

EXECUTIVE SUMMARY

The significant changes for Water Plan 2020 Projects within the CM Division during this quarter are:

The Special Projects Division and Design & Construction Divisions were officially reorganized into the Construction Management and Engineering Divisions in August 2012. This update reflects projects currently within the Construction Management Division.

Design:

1. Job No. PLH-39, Lihue Baseyard Improvements –Design completed by CM Division and RFP advertised for construction with proposal due date of April 10, 2014. SRF possibly providing more than initial \$1.7M grant if project goes to construction in time.

Construction:

1. Job No. HW-03, Wainiha Tank and Booster Pump Rehabilitation – Final inspection completed, awaiting close out documents.
2. Job No. WK-28, Wailua Houselots Main Replacement – Final inspection completed, awaiting DPW road permit sign off and close out documents.
3. Job No. WK-30, Pipeline Replacement along Waipouli and Olohena Roads - Final inspection completed, awaiting DPW road permit sign off and close out documents.

- **Design Projects**

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE December 2013	% COMPLETE March 2014	ORIG. EST. COMPLETE	CURRENT EST. COMPLETE	CURRENT CONTRACT AMOUNT	STATUS
PLH-39	LIHUE BASEYARD IMPROVEMENTS (PH 1) – MASTER PLAN LIHUE BASEYARD IMPROVEMENTS - DESIGN	100	100	Q4 2011	Q4 2011	\$279,719 (P)	Zoning amendment approved by council. Use Permit approved by Planning Commission. Subdivision received final subd. approval. Design completed & RFP for construction advertised
		99	100	Q4 2012	Q1 2014	\$635,030 (D)	

- **Construction Projects**

Construction Projects – Water Plan 2020

WP 2020 NUMBER		PROJECT TITLE	% COMPLETE December 2013	% COMPLETE March 2014	ORIGINAL ESTIMATE TO COMPLETE	CURRENT ESTIMATE TO COMPLETE	CURRENT CONTRACT AMOUNT
HE-08		ELEELE STEEL TANKS RENOVATION	100	100	Q3 2012	Q1 2014 (5)	\$2,018,853
WK-32	Phase II	KAPA'A PIPELINE REPLACEMENTS	100	100	Q4 2011	Q1 2014 (5)	\$2,941,279
HW-03	Phase II	WAINIHA BOOSTER AND HAENA TANK RENOVATIONS	99	99	Q3 2012	Q4 2013 (2)	\$1,547,374
H-01, 02, 03		MAKA RIDGE FACILITY REHABILITATION PLAN AND PRINCEVILLE INTERCONNECTION PLAN	80	88	Q1 2013	Q3 2014 See Note (1)	\$2,480,505
WK-12	Kuhio Highway	WAIPOULI MAIN REPLACEMENT	100	100	Q4 2013	Q3 2013 (2)	\$1,996,180
WK-28		WAILUA HOUSELOTS MAIN REPLACEMENT	82	99	Q4 2013	Q1 2014 (2)	\$4,463,084
WK-30		PIPELINE REPLACEMENT ALONG WAIPOULI ROAD AND OLOHENA ROAD	69	100	Q4 2013	Q1 2014 (2)	\$1,594,295
						TOTAL =	\$17,041,570

(1) Change order issued which extended project schedule.

(2) Awaiting close out documents

(3) Awaiting contract dispute resolution

(4) Awaiting close out documents

(5) Contract closed out

Water Plan 2020 Construction Projects

Previous 4 quarters				
QUARTER	APR-JUN 2013	JUL - SEP 2013	OCT - DEC 2013	JAN - MAR 2014
CONSTRUCTION CONTRACTS AWARDED	0	0	0	0
CONSTRUCTION CONTRACTS COMPLETED	0	0	1*	2*
ON-GOING CONSTRUCTION PROJECTS (#)	8*	8*	7*	5*
ON-GOING CONSTRUCTION PROJECTS (\$)	\$19,195,230	\$19,592,775	\$19,179,015	\$17,041,570

*Design completed prior to reorganization by Special Projects Division which is current Construction Management Division

Upcoming Water Plan 2020 Construction Projects

FY 2013-2014			
WP 2020 No.	PROJECT TITLE	STATUS	EST. COST
PLH-39	LIHUE BASEYARD IMPROVEMENTS FOR THE DEPARTMENT OF WATER	DESIGN COMPLETED AND RFP ADVERTISED *	\$8.8 M
		TOTAL =	\$8.8 M

*Design completed by Construction Management Division

Construction Projects – Private

TMK #/UID	OWNER	DESCRIPTION	STATUS	CERT. OF COMPLETION
(4) 4-8-013:018 / 911	Gregory Strickland	Installation of Second Single Service Lateral for Parcel 18	COMPLETE	1/8/2014
(4) 4-6-34:009 / 873	Janet Vaughn	Water Meter Service Connection	COMPLETE	1/10/2014
(4) 3-2-7:042 / 921	Dane Oda	Installation of Second Single Service Lateral for Lot 32-A	COMPLETE	1/17/2014
(4) 2-5-03:002 / 914	Ronald Sakamoto	Water Meter Plan for Parcel 2	COMPLETE	2/3/2014
(4) 2-5-006:021 / 871	Vincent Flores	Installation of 1st Single Service Lateral for Parcel 21	COMPLETE	2/3/2014
(4) 3-6-17:18 / 902	Kevin Horita	Water Meter Plan for Lot 47	COMPLETE	2/3/2014
(4) 4-2-005:008 / 847	Mary Lou Mendes	Relocate of Two Existing Water Meters	COMPLETE	2/3/2014
(4) 2-3-11:058 / 841	Jay & Marie Manzano	Manzano Residence Water Meter	COMPLETE	3/6/2014
(4) 4-1-006:038 / 778	Derek Chang	Water Service Connection Quad Service Lateral for Lot 17-B-3	COMPLETE	3/6/2014
(4) 4-6-028:017-006 / 892	Jacqueline Ohai	Water Service Connection Single Service Lateral for Unit 6, Punalei Terrace 1	COMPLETE	3/6/2014
(4) 4-8-06:40 / 862	Lorren Van Fossen	Water Meter Plan for Parcel 40	Awaiting Precon	

Construction Projects – Private

TMK #	OWNER	DESCRIPTION	STATUS	CERT. OF COMPLETION
(4) 4-8-11:15 / 825	Stephen & Marla Tom; James Manico	Installation of Double Service Lateral for Parcel 15, Unit A & C, Anahola Lots Condominium, 4383 and 4380 Kuhio Highway	In Construction	
(4) 4-9-002:016 / 923	Neal Kakimoto	Water Meter Plan for Lot 59-A-1 Unit 2	Awaiting Precon	
(4) 4-8-011:014 / 899	Joanne C. Magagnoli-Trask	Installation of Single Service Lateral for Parcel 14	Awaiting Precon	
(4) 5-9-05:025 / 881	Matt Malerich	Water Service Installation Plan for Lot 37	In Construction	
(4) 5-5-10:79 / 824	Halelea Investment Company, LLC	Water Service Improvements for Lot 29-B, L. C. App. 1160	Awaiting Precon	
(4) 5-6-04:23 / 853	Waipa Foundation Community Cultural Center	Waipa Foundation Community Cultural Center	In Construction	
(4) 2-4-011:021 / 908	Christopher & Patrick Gleason	Water Service Connection Single Service Lateral for Lot 1-G	In Construction	
(4) 2-7-06:006, 129 / s-2013-5	Kenneth Souza	Hydrant Plan for Punee Road (S-2013-5)	In Construction	
(4) 2-4-02:04 / 842	Susan A. Matsumoto Trust and Joyce Y. Kubota Trust	Single Service Lateral & Double Service Lateral for Lot 60, Kikala Road	In Construction	
(4) 2-3-020:77 / 785	James O. Agee Trust	Installation of Double Service Lateral & Triple Service Lateral for Lot 128 B-1	Awaiting Precon	
(4) 2-3-24:72 / 904	David & Jill Capri	Water Meter Plan for Lot 72	Awaiting Precon	

Construction Projects – Private

TMK #	OWNER	DESCRIPTION	STATUS	CERT. OF COMPLETION
(4) 5-2-22:011 / 916	Frankenreiter Family Trust	Installation of Second Single Service Lateral for Parcel 11, CPR Unit 1	Awaiting Precon	
(4) 4-6-19:056 / 883	Clayton Dabin	Installation of a Single Service Lateral for Lot 29-B	In Construction	
(4) 4-6-17:78 / 863	Jeff Rapetti	Water Meter Plan for Lot 6, Unit 1, Laipo Road	In Construction	
(4) 4-6-07:136 / 901	Jennifer Jim	Water Meter Plan for Parcel 136, Unit B (Desilva Estates)	In Construction	
(4) 4-3-03-015 / 922	Leonard Kaui	Water Meter Plan for Parcel 15	In Construction	
(4) 4-6-16:084 / 906	Lindsey Bosshard	Installation of Second Single Service Lateral for Parcel 84	In Construction	
(4) 4-6-15:48 / S-2008-16	Melvin and Clarence Soong	Water Meter Plan for Lot 14-A-1 (S-2008-16), Haua'ala Road	In Construction	
(4) 4-4-010:041 / 889	Morimoto Trust	2nd Single Service Lateral for Lot 4	In Construction	
(4) 4-4-002: 012 & 013 / 893	Niu Pia Land Company, LTD	Installation of Service Water Lateral and 10 Water Meters for Lot 1 & 2	In Construction	
(4) 4-4-002: 015 & 088 / 894	Niu Pia Land Company, LTD	Installation of Service Water Lateral and 10 Water Meters for Lot 3 & 4	In Construction	
(4) 4-4-003:091 / 927	Clayton Chow	Water Meter Plan for Lot 10 - ADU	Awaiting Precon	

Construction Projects – Private

TMK #	OWNER	DESCRIPTION	STATUS	CERT. OF COMPLETION
(4) 4-6-017:49, 50, 129 & 130 / 826	Patricia Tiner	6" Water Main along Hekili Road & Continuing along La Road	Awaiting Precon	
(4) 4-3-07: 29 & 30	Longs Drugs Stores California LLC	Longs Drugs Store Kapaa	In Construction	
(4) 4-4-03:4 / 868	Seina Properties, LLC	Triple service for lot 122-D	In Construction	
(4) 1-2-17:51 / 858	Lilia Kapuniai (Kekaha Community Center)	Water Meter Plan for Lot 51, Ulili Road	In Construction	
(4) 1-3-10:70 / S-2012-1	Ruth Togioka, Florence S. Togioka Trust, Myles Togioka Trust	Single Service Lateral for Lot 199-B, S-2012-01, 4584 Pueo Road	Awaiting Precon	
(4) 5-2-12:35 / 915	Charles Somers	Water Service Installation Plan for Lot 8-W-9-A (Parcel 35)	In Construction	
(4) 5-3-09:03 / 884	Ken Attix	Water Meter Plan for Lot 3	In Construction	
(4) 5-1-05:37 / 806	Melina Friedman ET. AL.	Water Service Improvements for Lot 14, Kilauea Agriculture Subdivision, "Niku Farm" Condominium	Awaiting Precon	
(4) 5-2-04:102, Unit 6 / 849	North Shore Christian Church	6" Reduced Pressure Detector Assembly for North Shore Christian Church	In Construction	
(4) 5-2-04:77 / 857	Richard M. Jones Trust and Crystal A. Jones	Installation of 2nd Single Service Lateral & Backflow Preventor for Lot 4, Unit 1, Mele Makani Estates, 2405C Makana'ano Place	Awaiting Precon	
(4) 2-5-004:036 / 837	Beth Charlton	2nd 5/8 inch Domestic Service Connection	In Construction	

Construction Projects – Private

TMK #	OWNER	DESCRIPTION	STATUS	CERT. OF COMPLETION
(4) 2-5-01:12 / 819	Kauai Bible Church	Water Meter Plan for Lot C-2	In Construction	
(4) 2-5-011:057 / 882	Richard & Waraporn Costello	Water Service Connection Single Service Lateral for Unit 1	In Construction	
(4) 3-6-10:01 / 903	Dawn M. Murata Trust	Waterline Plan for Lot130-A Land Court Application 1087	In Construction	
(4) 3-8-14:39 / 789	Jacob Thorp (Yukimura Bldg)	Water Meter Plan for Lot1-A-1	In Construction	
(4) 3-6-06:25 / 905	Kurt Bosshard	Installation of Second Single Service Lateral for Parcel 25	In Construction	
(4) 3-3-06:46	Property Development Centers, LLC (Safeway Inc)	Offsite Roadway Improvements for Hokulei Village: Phase I and Phase II	In Construction	
(4) 3-2-02:036 / 866	Robert & Chris White	Relocate Existing Water Service Connection for Lot 7-E	In Construction	
(4) 3-2-07:018 / 877 - 878	White Rock Ltd., Nawiliwili Estates	Installation of Triple & Single Service Water Lateral & Water Meters for Units 1, 3, 5, 6, 7 & 10	In Construction	
(4) 2-7-08:51 / 891	Albert Kaneshiro	Water Meter Plan for Lot 12 Puu Pinao Subdivision	In Construction	
(4) 2-7-004:007 / 850	David & Jody Stillwell	Construction Drawings: 2nd 5/8" Domestic Service Connection	In Construction	
(4) 2-7-04:03, 99, 100, 101 / 844	Heather DeGeus	Water Meter Relocation Plan for Parcels 3, 99, 100, 101, Omao Road	In Construction	
(4) 2-7-06:74-2	Kerry Otis	Water Meter Plan for Lot 41	In Construction	

Construction Projects – Private

TMK #	OWNER	DESCRIPTION	STATUS	CERT. OF COMPLETION
(4) 2-8-31:185 / 855	Jack Hendrickson	Water Meter Plan for Lot 185, Halalu Street	In Construction	
(4) 2-8-31:179 / 887	Randy Finlay	Water Meter Plan for Lot 179	In Construction	
(4) 2-8-31:189 / 888	Ryan McLoughlin	Water Meter Plan for Lot 189	In Construction	
(4) 3-3-12:02 / 664	Paul Schurch	Construction Plans for Schurch Industrial Building	In Construction	
(4) 4-2-06:37 / 851	Anthony Lenarth	Installation of 2nd Single Service Lateral for Lot 2	In Construction	
(4) 4-2-22:15 / 874	James Nishida	Installation of Triple Service Water Lateral and Water Meters for Lot 10-A-1-A & Lot 10-A-1-B	In Construction	
(4) 4-2-009:042 / 910	Jean Sato	Water Meter Plan for Lot 15	In Construction	

Staffing Update

POSITION #	POSITION TITLE	NAME	STATUS
2470	Construction Management Project Officer	Dustin Moises	
2351	Waterworks Project Manager	Vacant	Reclassifying Position with HR (Submitted to DPS May 2013)
2484	Project Assistant	Vacant	Reallocating Position with HR (Submitted to DPS May 2013)
2353	Waterworks Inspector III	Daniel Kittredge	Hired internally as of 3/16/14
2355	Waterworks Inspector II	Leo Anguay	
2357	Waterworks Inspector II	Alfred Levinthol	
2483	Waterworks Inspector II	Vacant	Reclassifying Position with HR (Submitted to DPS May 2013)



Quarterly Status of **DOW Projects**

Period of January 1, 2014 – March 31, 2014
ENGINEERING DIVISION

Department of Water
April 24, 2014

EXECUTIVE SUMMARY

The significant changes for this quarter are:

Design:

1. Job No. KW-28, Amfac Shaft Renovation – Received cost proposal for design – in negotiations with the consultant.
2. Job No. WK-8 , Kapaa 1.0 MG Tank (313 Zone) – Completed contract amendment for geotech second opinion.
3. Job H-05, Weke, Anae, and He'e Roads, 6" and 8" replacement – final plans received for review.
4. Job No. K-18, 8" Main Replacement Along Halewili Road – Plans approved by DOW. Working on State requirements that need to be completed before construction can start.
5. Job No. 13-7, Koloa Well D Repairs – Consultant was selected. Preliminary design work scheduled, site topo work and soil test borings.
6. Private Projects: 17 new projects were submitted for Engineering review during this quarter.



▪ **Design Projects**

WEST SIDE DESIGN PROJECTS

KEKAHA, WAIMEA, HANAPEPE, ELEELE

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE Dec 2013	% COMPLETE Mar 2014	EST. COMPLETE	BUDGET COST	STATUS
KW-28	Amfac Shaft Renovation, Phase B	99	99	Q2 2014	\$699,147 (D)	Work basically completed. Waiting for final billing to be submitted.
KW-28	Amfac Shaft Renovation, Phase 3	0	0	Q2 2015		Consultant selected. Negotiating cost
KP-09	Koloa Well MCC Improvements	60	70	Q3 2014	\$300,000 (D)	Preliminary comments made
HE-14	Eleele Booster Station Rehab	0	10	Q4 2014	\$92,000	Site visit by consultant done

SOUTH SIDE DESIGN PROJECTS

KALAHEO, LAWAI, POIPU, KOLOA

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE Dec 2013	% COMPLETE Mar 2014	EST. COMPLETE	BUDGET COST	STATUS
K-01	Kalaheo Water System Improvements (North)	75	85	Q1 2015	\$964,510 (D)	Under Design
LO-10, LO-08	Koloa Road 8" and Omao Road 6" Main Replacement	75	80	Q4 2014	\$86,750 (D)	Under Design
K-05A	Construct Kalaheo 0.5 MG Tank, 886'	55	70	Q3 2014	\$216,637 (D)	Under Design / Working out land issues
K-17	Feasibility Kalaheo, Kokolau, and Akulikuli Treatment Facilities	90	90	Q2 2015	\$117,701 (D)	Under Design
K-18	8" Waterline along Halewili Road (Kaumualii Highway to Haku Hale Road)	98	99	Q2 2014	\$82,797 (D)	Under Design
LO-19	Piwai-Omao Microturbine	60	60			On hold
	Koloa Well D Repairs	0	10	Q4 2014	\$59,088 (D)	Topo and soil test boring scheduled

EAST SIDE DESIGN PROJECTS

LIHUE-PUHI, WAILUA-KAPAA, ANAHOLA

WP 2020 NO.	PROJECT TITLE	% COMPLETE Dec 2013	% COMPLETE Mar 2014	EST. COMPLETE	BUDGET COST	STATUS
PLH-01A	Replace Grove Farm Tanks 1 & 2	70	75	Q3 2014	\$229,658(D)	Under Design
PLH-37	Deepen Puhī Well No. 2	PH 1-100	PH 1-100		\$ 67,900 BUDGET	Phase II Proposal Pending
WK-01	Rehabilitate Moelepe Tunnel and Access Road	65	65	Q4 2014	\$91,400 (D)	Under Design
WK-2	Rehab Akulikuli Tunnel (PHASE I) Rehab Akulikuli Tunnel (PHASE II)	100 -	100 -	Q1 2005 (Ph.1) Q3 2009 (Ph.2)	\$300,000 (D) \$392,000	Ph.1- Completed Ph.2 – on hold
WK-8	Kapa'a Two-0.5 MG Tank (313 ZONE) (Phase I - Planning)	96	96	Q4 2013	\$ 681,128 (D)	Design pending second geotech opinion

EAST SIDE DESIGN PROJECTS

LIHUE-PUHI, WAILUA-KAPAA, ANAHOLA

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE Dec 2013	% COMPLETE Mar 2014	EST. COMPLETE	BUDGET COST	STATUS
WK-23	Wailua Homesteads 0.25 MG Tank site (U.H. Experimental Station) ph 1	0	25	Q3 2014	\$ 50,000	Preliminary map submitted to DOW for review. Consultant investigating site acquisition
WK-39	Kapa'a Homesteads Well #4	100	100	Q3 2012	\$ 352,000 (D)	RFP processed. Plan to rebid upon drainage resolution.
WK-02, PLH-42	Akulikuli Tunnel and Kokolau Tunnel Feasibility	90	90	Q2 2015	-	

NORTH SHORE DESIGN PROJECTS

MOLOAA, KILAUEA, ANINI, HANAIEI, HAENA

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE Dec 2013	% COMPLETE Mar 2014	EST. COMPLETE	BUDGET COST	STATUS
M-3	Moloa'a Tank Site Acquisition and other Land Issues	80	80	Q3 2014	\$105,000 (P)	Continuing negotiations with land owner
M-1 M-2	Koolau Pipeline Improvements Moloa'a 0.10 MG Tank	18	18	Q4 2014	\$ 119,207 (D)	Working on ROE
WKK-15	Kilauea 1.0 MG Tank (Phase I)	97	97	Q2 2014	\$ 12,700 (P) \$236, 600 (D)	Under design
H-8	Drill and Test Hanalei Well #2.	70	75		\$425,000 (Combined with Wainiha Well 4)	On Hold
WKK-17 (phase 1)	Kolo Road Main Replacement	0	50	Q3 2014	\$1,300,000 (design and construction)	Preliminary plans submitted

NORTH SHORE DESIGN PROJECTS

MOLOAA, KILAUEA, ANINI, HANAIEI, HAENA

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE Dec 2013	% COMPLETE Mar 2014	EST. COMPLETE	BUDGET COST	STATUS
ANI-01	Kilauea Pipeline to Anini Pipeline Replacement Phase I Phase II	95 85	95 90	Q4 2013 Q4 2014 Q4 2014	\$ 750,760 (D)	2 nd plan submittal reviewed
H-05	Weke, Anae, Mahimahi and He'e Roads, 6" and 8" Main Replacement	80	90	Q3 2014	\$143,605 (D)	Final plans submitted for review

Pending Water Plan 2020 Projects

WP 2020 No.	PROJECT TITLE	STATUS	BUDGET
WK-25	Kuhio Hwy. (N. Papaloa - Kawaihau Road) 16" and 12" Main Replacement	HOLD – DUE TO SCHEDULING ISSUES	\$250,000 (D)
KP-05	Poipu 245 1 MG Tank	Site to be determined	

Private Projects of Note

Area	DEVELOPMENT OR DEVELOPER	PLAN REVIEW STATUS
Eleele	Eleele Luna Subdivision, Phase 2, Incr. 2 (S-2006-49)	Pending resubmittal
Koloa	U/AA Subdvision (S-2011-12)	Pending resubmittal
Koloa	Ala Kukui'ula Phase 2A	Pending resubmittal
Koloa	Ala Kukui'ula Phase 3	Pending resubmittal
Poipu	Village at Poipu New Entry Road (S-2003-48)	Pending resubmittal
Lihue	Puakea II Subdivision (S-2009-21)	Pending resubmittal
Lihue	Rice Camp Senior Housing	approved

Private Projects of Note

Area	DEVELOPMENT OR DEVELOPER	PLAN REVIEW STATUS
Lihue	Waiola Subdivision Ph III (S-2009-15)	Pending resubmittal
Lihue	Kapule-Rice Intersection Improvements	Pending resubmittal
Lihue	Hokulei Village Off-site Road Improvements (Z-IV-2009-7)	Plans approved
Lihue	Hokulei Village On-site Improvements (Z-IV-2009-7)	Pending resubmittal
Lihue	Walani Ahukini Makai Subdivision- offsite (S-2005-41)	Pending resubmittal
Lihue	Wailani Ahukini Makai Subdivision- onsite (S-2005-41)	Pending resubmittal
Lihue	Wailani Molokoa Subdivision-offsite (S-2005-39)	Pending resubmittal
Lihue	Wailani Molokoa Subdivisiion-onsite (S-2005-39)	Pending resubmittal

Private Projects of Note

Area	DEVELOPMENT OR DEVELOPER	PLAN REVIEW STATUS
Lihue	Kumupa'a at Kohea Loa (S-2006-12)	Pending resubmittal
Kapaa	Kulana Subdivision revisions (S-99-49)	Pending resubmittal
Kapaa	6" Water Main Along Hekeli Road	Pending resubmittal
Kapaa	Longs Drug Store	approved