

2017 Health & Safety: Water Quality

November 2023

PPS Team Lead: Rolando Aquilizan

Number of Completed Projects: 19

Number of Active Projects: 4

STATUS AT A GLANCE

Legend:

	As planned: no concerns
	Caution: requires attention
	Impacts: impacts occurring

	As Planned	Caution	Impacts
Budget	X		
Equity	X		
Schedule			X
Overall			X

BUDGET

	BUDGET		FUNDING		PROGRESS		FORECAST	
	Original Budget	Current Budget	Water Funds	Other Funds	Actuals To Date (all funds)	Additional Encumbered	Estimate At Completion	Over/Under
Unallocated Funds	28,492,000	10,229,112	10,229,112	-	-	-	-	(10,229,112)
Lead In Water-Emerg Resp - 4241	-	4,569,259	311,867	4,257,392	4,410,403	5,260	4,569,259	-
Lead In Water Repairs - 4517	-	7,129,461	7,120,756	8,705	3,311,289	644,824	4,129,461	(3,000,000)
Drink Fixt - Bid Package 31 - 5301	-	277,770	277,770	-	277,770	-	277,770	-
Drink Fixt - Bid Package 32 - 5397	-	258,095	258,095	-	258,095	-	258,095	-
Drink Fixt - Bid Package 33 - 5398	-	290,673	290,673	-	280,624	2,936	280,624	(10,049)
Drink Fixt - Bid Package 34 - 5390	-	331,301	331,301	-	331,301	-	331,301	-
Drink Fixt - Bid Package 35 - 5391	-	346,367	346,367	-	346,367	-	346,367	-
Drink Fixt - Bid Package 36 - 5452	-	393,074	393,074	-	363,358	12,613	363,358	(29,715)
Drink Fixt - Bid Package 37 - 5453	-	377,963	377,963	-	354,235	19,488	354,235	(23,728)
Drink Fixt - Bid Package 38 - 5477	-	384,456	384,456	-	350,043	28,814	350,043	(34,413)
Drink Fixt - Bid Package 39 - 5478	-	313,884	313,884	-	313,884	-	313,884	-
Drink Fixt - Bid Package 40 - 5540	-	326,040	326,040	-	303,856	-	303,856	(22,184)
Drink Fixt - Bid Package 41 - 5541	-	453,642	453,642	-	453,642	-	453,642	-
Drink Fixt - Bid Package 42 - 5542	-	481,572	481,572	-	432,915	41,189	438,558	(43,014)
Drink Fixt - Bid Package 43 - 5640	-	354,009	354,009	-	354,009	-	354,009	-
Drink Fixt - Bid Package 44 - 4651	-	300,071	300,071	-	300,071	-	300,071	-
Drink Fixt - Bid Package 45 - 5642	-	391,733	391,733	-	391,733	-	391,733	-
Drink Fixt - Bid Package 46 - 5741	-	383,900	383,900	-	336,085	12,915	336,085	(47,815)
Drink Fixt - Bid Package 47 - 5742	-	302,079	302,079	-	302,079	-	302,079	-
Drink Fixt - Bid Package 48 - 5743	-	375,313	375,313	-	375,313	-	375,313	-

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Drink Fixt - Bid Package 49 - 5744	-	257,363	257,363	-	49,500	81,796	257,363	-
Drink Fixt - Bid Package 50 - 5866	-	437,092	437,092	-	437,092	-	437,092	-
Drink Fixt - Bid Package 51 - 6120	-	250,550	250,550	-	-	-	250,550	-
Water Quality Totals		29,214,778	24,948,682	4,266,096	14,333,664	849,835	15,774,748	(13,440,030)

EQUITY

Percent of payments made to Certified owned businesses, percent of labor hours of apprenticeable trades; cumulative

	MBE	WBE	SDVBE	ESB	N-C	TOTAL	goal	MIN	goal	FEM	goal	APPR	req
Consultants	0.00%	64.33%	0.00%	12.94%	0.00%	77.27%	18%						
Contractors	0.00%	0.00%	0.00%	37.53%	0.00%	37.53%	18%						
Overall	0.00%	3.94%	0.00%	36.03%	0.00%	39.97%	18%						
Workforce								7%	25%	6%	14%	6%	20%

SCHEDULE

PROJECT	2023								2024							
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Lead In Water Repairs - 4517							★									
Drink Fixt - Bid Package 49 - 5744							★									
Drink Fixt - Bid Package 51 - 6120							★									

Baseline
 Planning
 Design
 Construction

PROJECT NOTES

Progress:

- OSM is continuing work to complete outstanding individual fixtures at nine schools; Prophet Education Center fixture replacements (which have been prioritized last); and athletic field filtered water access. These scopes of work are being procured either through ITB or informal RFQ, depending on dollar thresholds of the estimated cost.
- Athletic field filtered water access was not part of the original scope but was added after determining that PPS athletes were accessing water outside of the indoor filtered fixtures. OSM has been working with PPS Athletics/PIL to develop an understanding of current practices and potential solutions to ensure that PPS athletes have clean and filtered water for field use and access. The design in process is to connect to an existing water supply that is isolated and install a double parallel filter system to accommodate a high flow necessary to fill water jugs or preferred water system. These will either be an interior/exterior water hose bib, with access only through a faucet key provided to authorized personnel.
- Work, including the athletic field filtered water access, is estimated to be complete by August 2024.

Accomplishments:

- Of the original \$28.5 million budget, the Water Quality program anticipates returning between \$13M and \$14M back to 2017 Health & Safety funds for allocation to other H&S projects.
- The program has tested over 900 new filtered fixtures in over 90 schools/facilities. The District's goal is to have test results averaging less than 1.0 parts per billion, which is lower than state and federal standards. The average result for all the fixture tests are 0.68 parts per billion. Over 500 new filtered Drinking Water Stations with bubbler(s) and a bottle filler were tested with an average result of 0.287 parts per billion.
- Over 2,400 filtered fixtures have been installed, including over 100 filtered goosenecks in Headstart and pre-kindergarten classrooms, over 60 filtered goosenecks in Special Education classrooms, and filtered fixtures in health rooms/nurses rooms, staff rooms, teen parent centers and kitchens, in addition to drinking water stations throughout hallways and common spaces in every school.

Risks:

- At current inventory assessment of remaining stored water fixtures (which were procured directly by OSM to address supply chain issues), there should be enough for remaining installations. However, if it is necessary to acquire additional fixtures from the manufacturer, there could be a schedule delay.
- The athletic field filtered water installation carries potential risks from unforeseen conditions, depending on access availability, existing plumbing, etc.