

***Appendix XXII. Storm Water Division Projected Funding  
Needs, 2016-2035***

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**2015 Watershed Asset Management Plan Cost Update: Storm Water Quality Compliance Period (20-Year) Annual Outlook Forecast**

Source: Storm Water Division's 2015 Watershed Asset Management Plan (WAMP) Cost Update

Date: 23 October 2015

**Table 1. WQIP, JRMP, and Flood Risk Management Breakdown (FY16-35)**

WQIP	\$ 1,602,550,253
JRMP	\$ 325,950,098
Flood Risk Management	\$ 1,184,808,460
<b>20 Year Total Need:</b>	<b>\$ 3,113,308,811</b>

**Table 2. General Fund & CIP Breakdown (FY16-35)**

<b>General Fund:</b>	
WQIP	\$ 245,455,474
JRMP	\$ 325,950,098
Flood Risk Management	\$ 627,155,834
<b>Sub Total General Fund:</b>	<b>\$ 1,198,561,406</b>
<b>CIP:</b>	
WQIP	\$ 1,357,094,779
JRMP	\$ -
Flood Risk Management	\$ 557,652,626
<b>Sub Total CIP:</b>	<b>\$ 1,914,747,405</b>
<b>20 Year Total Need:</b>	<b>\$ 3,113,308,811</b>
<b>20 Year Annual Average:</b>	<b>\$ 155,665,440.55</b>

**Table 3. 20-Year Annual Summary (Included Unfunded FY14 and Future Adjustment)**

	2014 (Actual)	2015 (Allocated)	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27
<b>General Fund:</b>														
WQIP	\$ 979,135	\$ 785,196	\$ 2,852,096	\$ 4,124,006	\$ 5,563,707	\$ 7,382,565	\$ 8,708,989	\$ 9,148,534	\$ 10,668,731	\$ 11,641,359	\$ 12,162,281	\$ 12,690,561	\$ 13,820,136	\$ 15,211,036
JRMP	\$ 28,105,432	\$ 33,409,901	\$ 17,423,921	\$ 17,018,709	\$ 16,773,428	\$ 16,940,393	\$ 16,664,290	\$ 16,536,855	\$ 16,604,771	\$ 16,734,288	\$ 16,797,957	\$ 15,868,709	\$ 15,755,129	\$ 15,763,578
Flood Risk Management	\$ 5,533,411	\$ 10,287,986	\$ 34,760,288	\$ 37,594,058	\$ 25,762,907	\$ 42,805,366	\$ 34,981,781	\$ 24,209,449	\$ 25,667,059	\$ 26,859,420	\$ 41,579,561	\$ 28,832,113	\$ 24,879,147	\$ 25,004,887
<b>Sub Total General Fund:</b>	<b>\$ 34,617,978</b>	<b>\$ 44,483,083</b>	<b>\$ 55,036,304</b>	<b>\$ 58,736,773</b>	<b>\$ 48,100,042</b>	<b>\$ 67,128,324</b>	<b>\$ 60,355,060</b>	<b>\$ 49,894,838</b>	<b>\$ 52,940,561</b>	<b>\$ 55,235,067</b>	<b>\$ 70,539,799</b>	<b>\$ 57,391,383</b>	<b>\$ 54,454,412</b>	<b>\$ 55,979,501</b>
<b>CIP:</b>														
WQIP	\$ 5,630,500	\$ 4,475,000	\$ 4,380,361	\$ 36,712,207	\$ 46,858,035	\$ 40,286,152	\$ 41,361,865	\$ 52,274,711	\$ 60,593,998	\$ 66,233,171	\$ 102,107,403	\$ 133,510,241	\$ 194,982,589	\$ 173,151,577
JRMP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Flood Risk Management	\$ 3,812,169	\$ 17,830,000	\$ 1,675,000	\$ 33,479,327	\$ 30,654,809	\$ 43,514,545	\$ 47,910,301	\$ 43,137,218	\$ 43,160,279	\$ 53,824,734	\$ 32,443,620	\$ 20,206,329	\$ 20,886,046	\$ 26,969,883
<b>Sub Total CIP:</b>	<b>\$ 9,442,669</b>	<b>\$ 22,305,000</b>	<b>\$ 6,055,361</b>	<b>\$ 70,191,534</b>	<b>\$ 77,512,844</b>	<b>\$ 83,800,697</b>	<b>\$ 89,272,166</b>	<b>\$ 95,411,929</b>	<b>\$ 103,754,277</b>	<b>\$ 120,057,905</b>	<b>\$ 134,551,023</b>	<b>\$ 153,716,570</b>	<b>\$ 215,868,635</b>	<b>\$ 200,121,460</b>
<b>Total:</b>	<b>\$ 44,060,647</b>	<b>\$ 66,788,083</b>	<b>\$ 61,091,665</b>	<b>\$ 128,928,306</b>	<b>\$ 125,612,886</b>	<b>\$ 150,929,020</b>	<b>\$ 149,627,226</b>	<b>\$ 145,306,767</b>	<b>\$ 156,694,838</b>	<b>\$ 175,292,972</b>	<b>\$ 205,090,822</b>	<b>\$ 211,107,953</b>	<b>\$ 270,323,047</b>	<b>\$ 256,100,961</b>

	2014 (Actual)	2015 (Allocated)	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27
WQIP	\$ 6,609,635	\$ 5,260,196	\$ 7,232,457	\$ 40,836,213	\$ 52,421,742	\$ 47,668,716	\$ 50,070,854	\$ 61,423,245	\$ 71,262,729	\$ 77,874,530	\$ 114,269,684	\$ 146,200,802	\$ 208,802,725	\$ 188,362,613
JRMP	\$ 28,105,432	\$ 33,409,901	\$ 17,423,921	\$ 17,018,709	\$ 16,773,428	\$ 16,940,393	\$ 16,664,290	\$ 16,536,855	\$ 16,604,771	\$ 16,734,288	\$ 16,797,957	\$ 15,868,709	\$ 15,755,129	\$ 15,763,578
Flood Risk Management	\$ 9,345,580	\$ 28,117,986	\$ 36,435,288	\$ 71,073,385	\$ 56,417,716	\$ 86,319,911	\$ 82,892,082	\$ 67,346,667	\$ 68,827,338	\$ 80,684,154	\$ 74,023,181	\$ 49,038,442	\$ 45,765,193	\$ 51,974,770
<b>Total:</b>	<b>\$ 44,060,647</b>	<b>\$ 66,788,083</b>	<b>\$ 61,091,665</b>	<b>\$ 128,928,306</b>	<b>\$ 125,612,886</b>	<b>\$ 150,929,020</b>	<b>\$ 149,627,226</b>	<b>\$ 145,306,767</b>	<b>\$ 156,694,838</b>	<b>\$ 175,292,972</b>	<b>\$ 205,090,822</b>	<b>\$ 211,107,953</b>	<b>\$ 270,323,047</b>	<b>\$ 256,100,961</b>

	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
<b>General Fund:</b>								
WQIP	\$ 16,495,491	\$ 17,090,618	\$ 18,696,834	\$ 20,765,424	\$ 13,794,482	\$ 14,383,617	\$ 15,280,293	\$ 14,974,713
JRMP	\$ 15,828,540	\$ 16,005,282	\$ 15,808,694	\$ 15,764,495	\$ 15,814,329	\$ 15,878,730	\$ 15,992,954	\$ 15,975,046
Flood Risk Management	\$ 25,446,010	\$ 41,016,020	\$ 34,887,237	\$ 25,733,915	\$ 26,129,636	\$ 26,741,675	\$ 42,404,382	\$ 31,860,924
<b>Sub Total General Fund:</b>	<b>\$ 57,770,041</b>	<b>\$ 74,111,920</b>	<b>\$ 69,392,765</b>	<b>\$ 62,263,834</b>	<b>\$ 55,738,447</b>	<b>\$ 57,004,022</b>	<b>\$ 73,677,629</b>	<b>\$ 62,810,683</b>
<b>CIP:</b>								
WQIP	\$ 155,049,844	\$ 104,362,316	\$ 56,374,816	\$ 44,938,557	\$ 26,249,622	\$ 6,142,316	\$ 5,762,500	\$ 5,762,500
JRMP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Flood Risk Management	\$ 24,889,054	\$ 18,725,061	\$ 24,924,566	\$ 22,137,988	\$ 19,765,118	\$ 24,750,182	\$ 17,640,624	\$ 6,957,944
<b>Sub Total CIP:</b>	<b>\$ 179,938,898</b>	<b>\$ 123,087,377</b>	<b>\$ 81,299,381</b>	<b>\$ 67,076,545</b>	<b>\$ 46,014,740</b>	<b>\$ 30,892,497</b>	<b>\$ 23,403,124</b>	<b>\$ 12,720,444</b>
<b>Total:</b>	<b>\$ 237,708,939</b>	<b>\$ 197,199,297</b>	<b>\$ 150,692,146</b>	<b>\$ 129,340,379</b>	<b>\$ 101,753,187</b>	<b>\$ 87,896,519</b>	<b>\$ 97,080,753</b>	<b>\$ 75,531,127</b>

	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
WQIP	\$ 171,545,335	\$ 121,452,934	\$ 75,071,650	\$ 65,703,982	\$ 40,044,104	\$ 20,525,932	\$ 21,042,793	\$ 20,737,213
JRMP	\$ 15,828,540	\$ 16,005,282	\$ 15,808,694	\$ 15,764,495	\$ 15,814,329	\$ 15,878,730	\$ 15,992,954	\$ 15,975,046
Flood Risk Management	\$ 50,335,064	\$ 59,741,081	\$ 59,811,803	\$ 47,871,903	\$ 45,894,754	\$ 51,491,857	\$ 60,045,006	\$ 38,818,868
<b>Total:</b>	<b>\$ 237,708,939</b>	<b>\$ 197,199,297</b>	<b>\$ 150,692,146</b>	<b>\$ 129,340,379</b>	<b>\$ 101,753,187</b>	<b>\$ 87,896,519</b>	<b>\$ 97,080,753</b>	<b>\$ 75,531,127</b>