

## ESTIMATES OF SMIP/GARP PROJECT AWARDS, COMPLETION, AND WHOLESALE ALLOCATION

Table 1: SMIP/GARP PROGRAM - AVAILABLE AWARD AMOUNT (Non-MS4 Area)

Line #	Fiscal Year	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
1	Annual Grant Budget	\$ 13,455,000	\$ 11,450,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000
2	Annual MS4 Area Grant Budget	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
3	PIDC Annual Administration Fee (a)	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
4	Service Fee % (b)	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
5	PIDC Estimated Service Fee Cost (Line 1 - Line 3) X Line 4	\$ 200,700	\$ 170,625	\$ 223,875	\$ 223,875	\$ 223,875	\$ 223,875	\$ 223,875
6	TOTAL PIDC SMIP/GARP FEE (Line 3 + Line 5)	\$ 275,700	\$ 245,625	\$ 298,875	\$ 298,875	\$ 298,875	\$ 298,875	\$ 298,875
7	Available Award Amount Non-MS4 (Line 1 - Line 2 - Line 6)	\$ 12,179,300	\$ 10,204,375	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125

## Notes:

- (a) Annual Administration Fee for SMIP/GARP Program is \$75K. Paid to PIDC each fiscal year.
- (b) Service Fee is calculated as 1.5% of annual grant budget less the annual administration fee paid to PIDC.

Table 2: SMIP/GARP PROGRAM - AWARDED PROJECT PROJECTIONS (Non-MS4 Area)

Line #	Fiscal Year	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
<b>INPUT PARAMETERS</b>								
1	Available Award Amount Non-MS4 (a)	\$ 12,179,300	\$ 10,204,375	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125
2	\$/Greened Acre Group 1 Projects (b)	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
3	\$/Greened Acre Group 2 Projects (c)	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
4	Group 1 - % Award Amount	80%	80%	70%	70%	70%	70%	70%
5	Group 2 - % Award Amount	20%	20%	30%	30%	30%	30%	30%
7	Acre conversion to square feet	43,560	43,560	43,560	43,560	43,560	43,560	43,560
<b>Stormwater GA/IA Managed Area Projections (FY 2015 - FY 2021) - Anticipated Awards Non-MS4 Area</b>								
<b>Group 1 Projects</b>								
8	Anticipated Award Amount (Line 1 x Line 4)	\$ 9,743,440	\$ 8,163,500	\$ 9,590,788	\$ 9,590,788	\$ 9,590,788	\$ 9,590,788	\$ 9,590,788
9	Greened Acres (Line 8 / Line 2)	108.3	90.7	106.6	106.6	106.6	106.6	106.6
10	Gross Area to be Managed (sf)	4,715,825	3,951,134	4,641,941	4,641,941	4,641,941	4,641,941	4,641,941
11	Impervious Area to be Managed (sf)	4,715,825	3,951,134	4,641,941	4,641,941	4,641,941	4,641,941	4,641,941
<b>Group 2 Projects</b>								
12	Anticipated Award Amount (Line 1 x Line 5) x (1 - Line 6)	\$ 2,435,860	\$ 2,040,875	\$ 4,110,338	\$ 4,110,338	\$ 4,110,338	\$ 4,110,338	\$ 4,110,338
13	Greened Acres (Line 12 / Line 3)	16.2	13.6	27.4	27.4	27.4	27.4	27.4
14	Gross Area to be Managed (sf)	707,374	592,670	1,193,642	1,193,642	1,193,642	1,193,642	1,193,642
15	Impervious Area to be Managed (sf)	707,374	592,670	1,193,642	1,193,642	1,193,642	1,193,642	1,193,642
<b>Annual Totals</b>								
16	GA to be Managed (sf)	5,423,199	4,543,804	5,835,583	5,835,583	5,835,583	5,835,583	5,835,583
17	IA to be Managed (sf)	5,423,199	4,543,804	5,835,583	5,835,583	5,835,583	5,835,583	5,835,583
18	Greened Acres	124.5	104.3	134.0	134.0	134.0	134.0	134.0

**Notes:**

- (a) See Line 7 - Table 1: SMIP/GARP Program - Annual Budget.
- (b) Group 1 Projects - Projects with a cost of \$90,000 per greened acre and with a 12 months or less project completion time.
- (c) Group 2 Projects - Projects with a cost of \$150,000 per greened acre and with an average 24 months of project completion time.

Table 3: SMIP/GARP PROJECTS FUNDED PRIOR TO FY2015 (Non-MS4 Area)

Line #	Fiscal Year	FY2013	FY2014	FY2015	FY2016	FY2017		
1	Award Amount	\$ 91,080	\$ 3,820,000	\$ 3,562,841	1,893,313	754,000		
2	Greened Acres	0.7	48.9	46.7	12.8	8.0		

**Notes:**

Award amount and greened acres are for SMIP/GARP Projects in the Non-MS4 Area funded prior to FY2015 as provided by PWD.

FY2013-2015 Projects are completed and verified. FY2016 to FY2017 projects are based upon anticipated completion dates as provided by PWD.

Table 4: SMIP/GARP PROGRAM - AS-BUILT &amp; VERIFIED PROJECT PROJECTIONS (Non-MS4 Area)

As-Built & Verified Projections (FY 2013 - FY 2021)								
Line #	Fiscal Year	FY2013-15	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
<b>Awarded Projects Pre-FY2015 (a)</b>								
1	Completed Project Grant Amount	\$ 7,473,921	\$ 1,893,313	\$ 754,000	\$ -	\$ -	\$ -	\$ -
2	Greened Acres	96.3	12.8	8.0	-	-	-	-
<b>Estimated Awarded Projects Post FY2015</b>								
<b>Group 1 Projects (b)</b>								
3	Completed Project Grant Amount	\$ -	\$ 9,743,440	\$ 8,163,500	\$ 9,590,788	\$ 9,590,788	\$ 9,590,788	\$ 9,590,788
4	Greened Acres	-	108.3	90.7	106.6	106.6	106.6	106.6
<b>Group 2 Projects (c)</b>								
5	Completed Project Grant Amount	\$ -	\$ -	\$ 2,435,860	\$ 2,040,875	\$ 4,110,338	\$ 4,110,338	\$ 4,110,338
6	Greened Acres	-	-	16.2	13.6	27.4	27.4	27.4
<b>Annual Totals</b>		<b>ESTIMATED GRANT VALUE OF COMPLETED PROJECTS</b>						
7	Completed Project Grant Amount (Line 1 + Line 3 + Line 5)	\$ 7,473,921	\$ 11,636,753	\$ 11,353,360	\$ 11,631,663	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125
		<b>GREENED ACRES</b>						
8	Greened Acres (Line 2 + Line 4 + Line 6)	96.3	121.0	115.0	120.2	134.0	134.0	134.0

**Notes:**

(a) Completed Grant Amount and Greened Acres based upon actuals from PWD SMIP/GARP Grant Tracking.

FY2013 -15 based upon PWD SMIP/GARP Project Tracking that have been completed and verified.

FY2016 - FY 2017 estimated based upon projects awarded prior to FY15 but not yet completed/verified.

(b) From Table 2: SMIP/GARP Program - Project Projections. Group 1 Projects are expected to be completed and verified within 12 months.

(c) From Table 2: SMIP/GARP Program - Project Projections. Group 2 Projects are expected to be completed and verified within 24 months.

Table 5: SMIP/GARP PROGRAM PROJECTIONS - WHOLESALE CUSTOMER AMORTIZATION ALLOCATION INPUTS

Line #	Fiscal Year	FY2013-15*	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
1	Annual Greened Acres (a)	96.3	121.0	115.0	120.2	134.0	134.0	134.0
2	Completed Project Value (b)	\$ 7,473,921	\$ 11,636,753	\$ 11,353,360	\$ 11,631,663	\$ 13,701,125	\$ 13,701,125	\$ 13,701,125
3	Service Fee %	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
4	PIDC Service Fee (c ) (Line 2 X Line 3)	\$ 112,109	\$ 174,551	\$ 170,300	\$ 174,475	\$ 205,517	\$ 205,517	\$ 205,517
5	PIDC Annual Administrative Fee (d)	\$ 225,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
Annual Costs		PROJECTED SMIP/GARP COMPLETED PROJECT COSTS ELIGIBLE FOR AMORTIZATION						
6	Total Cost Estimated for Amortization (Line 2 + Line 4 + Line 5)	\$ 7,811,030	\$ 11,886,304	\$ 11,598,660	\$ 11,881,137	\$ 13,981,642	\$ 13,981,642	\$ 13,981,642

**Notes:**

\*To be retroactively billed to wholesale customers in FY2016.

(a) From Line 8 - Table 3: SMIP/GARP PROGRAM - AS-BUILT & VERIFIED PROJECT PROJECTIONS (Non-MS4 Area).

(b) From Line 7 - Table 3: SMIP/GARP PROGRAM - AS-BUILT & VERIFIED PROJECT PROJECTIONS (Non-MS4 Area).

(c) PIDC service fee calculated based upon completed project value.

(d) Annual Administrative Fee paid to PIDC is \$75,000. For FY13-FY15 Annual Administrative fee = \$75K/year X 3 years.

Table 6: Amortization of SMIP/GARP Costs (Non-MS4 Area)

Line #	Fiscal Year	Annual Cost	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
1	2015		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	2016	\$ 7,811,030		\$ 653,622	\$ 653,622	\$ 653,622	\$ 653,622	\$ 653,622	\$ 653,622	\$ 653,622
3	2017	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	2018	\$ -				\$ -	\$ -	\$ -	\$ -	\$ -
5	2019	\$ 35,366,102					\$ 2,959,412	\$ 2,959,412	\$ 2,959,412	\$ 2,959,412
6	2020	\$ -						\$ -	\$ -	\$ -
7	2021	\$ -							\$ -	\$ -
8	Total Amortized Costs		-	\$ 653,622	\$ 653,622	\$ 653,622	\$ 3,613,033	\$ 3,613,033	\$ 3,613,033	\$ 3,613,033

9	Long Term Bond Interest Rate	5.5%
10	Amortization Term (years)	20