

Construction Application & Permit Issuance

2018 Budget Estimated: 1/3 of permitting Minor, 2/3 Major				
Staff	Minor	Major	Total	Percentage
Eng	3.50	10.50	14	71%
Other	1.44	4.31	5.75	29%
Total	4.94	14.81	19.75	
Percentage	25%	75%		100%

* The multiplier is that additional rate necessary to cover indirect costs

Major Source Construction Application: Evolution of Scenarios - Full FY

Scenario Labels	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
Major Source Construction Applications	FY18 Budget	FY18 Budget Estimates Revised 6/2017*	FY18 Direct & Indirect Expenses	FY18 Full Funding -1 position	Statutory Cap: \$1,500,000
Fee Rate	\$115	\$115	\$200	\$220	\$195
Direct Hours	1040	720	1000	950	1000
Indirect Hours	1040	1360	1080	1130	1080
Number of application review staff	9.75	10.50	10.50	9.50	7.50
Number of Indirect Staff	2.00		4.31	4.31	3.00
Carry Forward	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000
Application Fee Revenue	\$1,198,000	\$870,000	\$2,100,000	\$1,985,500	\$1,462,500
Dispersion Modeling Fee Revenue	\$264,000	\$30,000	\$30,000	\$30,000	\$30,000
Title V Emission Fees* backlog work	\$53,000	\$53,000	\$53,000	\$53,000	\$53,000
Net Revenue	\$1,561,000	\$999,000	\$2,229,000	\$2,114,500	\$1,591,500
Expenses	\$1,492,250	\$1,462,000	\$1,880,870	\$1,753,870	\$1,333,500
Difference	\$68,750	-\$463,000	\$348,130	\$360,630	\$258,000
<i>Change in number of staff</i>	<i>(0.75)</i>			<i>(1.00)</i>	<i>(4.31)</i>

* FY18 Budget Estimates Revised 6/2017 does not include support & management

Major Source Construction Permitting	Billable rate	Multiplier*	Total
FY18 Current Rates	\$115	\$0	\$115
FY18 Budget Estimates Revised 6/2017*	\$115	\$0	\$115
FY18 Direct & Indirect Expenses **	\$142	\$58	\$200
FY18 Full Funding ²¹ position	\$156	\$64	\$220
Statutory Cap: \$1,500,000	\$138	\$57	\$195

Depends on Rulemaking complete by 1/1/18

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* The multiplier is that additional rate necessary to cover indirect costs

** Corrected ratio Billable/Multiplier: 71% : 29%

Optimal Construction Permitting Staffing with current permitting levels	
Permit writers	14.00
Other staffing	5.75
	19.75

FY 2018	
Average salary, benefits, expenses per staff	\$127,000
Revenue required per billable staff to pay multiplier @ 10.5:4.31 rati	\$179,000

Data Demonstrating Scenarios considering 6 months at current rates

Scenario 1 FY18 Budget	\$115.00 per hour					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	\$46,000	\$68,750	\$10,150	-\$77,350	-\$194,250	-\$341,150
Revenues	\$1,515,000	\$1,462,000	\$1,462,000	\$1,462,000	\$1,462,000	\$1,462,000
Expenses	\$1,492,250	\$1,520,600	\$1,549,500	\$1,578,900	\$1,608,900	\$1,639,500
Difference	\$68,750	\$10,150	-\$77,350	-\$194,250	-\$341,150	-\$518,650

Scenario 2 FY18 Budget Estimates Revised 6/2017	\$115 per hour x 720 hrs 6 mos, \$115 per hour 1000 hrs					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	\$46,000	-\$377,250	-\$629,550	-\$910,150	-\$1,219,550	-\$1,558,350
Revenues	\$1,038,750	\$1,237,500	\$1,237,500	\$1,237,500	\$1,237,500	\$1,237,500
Expenses	\$1,462,000	\$1,489,800	\$1,518,100	\$1,546,900	\$1,576,300	\$1,606,200
Difference	-\$377,250	-\$629,550	-\$910,150	-\$1,219,550	-\$1,558,350	-\$1,927,050

Scenario 3 FY18 Direct & Indirect Costs (considering current workload) @	\$115 per hour 6 mos, \$200 Per hour thereafter					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	\$46,000	-\$57,435	\$155,965	\$332,965	\$472,865	\$574,965
Revenues	\$1,568,000	\$2,130,000	\$2,130,000	\$2,130,000	\$2,130,000	\$2,130,000
Expenses	\$1,671,435	\$1,916,600	\$1,953,000	\$1,990,100	\$2,027,900	\$2,066,400
Difference	-\$57,435	\$155,965	\$332,965	\$472,865	\$574,965	\$638,565

Scenario 4 FY18 Full Funding ²¹ position	\$115 per hour 6 mos, \$220 per hour thereafter					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	\$46,000	-\$51,185	\$147,115	\$311,415	\$441,115	\$535,515
Revenues	\$1,510,750	\$1,985,500	\$1,985,500	\$1,985,500	\$1,985,500	\$1,985,500
Expenses	\$1,607,935	\$1,787,200	\$1,821,200	\$1,855,800	\$1,891,100	\$1,927,000
Difference	-\$51,185	\$147,115	\$311,415	\$441,115	\$535,515	\$594,015

Scenario 5 Statutory Cap of \$1,500,000 @	2018 Only: \$115 per hour 6 mos, \$195 per hour thereafter					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	\$46,000	-\$102,500	\$31,200	\$139,100	\$220,700	\$275,500
Revenues	\$1,249,250	\$1,492,500	\$1,492,500	\$1,492,500	\$1,492,500	\$1,492,500
Expenses	\$1,397,750	\$1,358,800	\$1,384,600	\$1,410,900	\$1,437,700	\$1,465,000
Difference	-\$102,500	\$31,200	\$139,100	\$220,700	\$275,500	\$303,000

Minor Source Construction Application: Evolution of Scenarios - Full FY

Scenario Labels	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
		FY18 Budget Estimates Revised 6/2017*	FY18 Direct & Indirect Expenses	FY18 Full Funding -1 position	Statutory Cap: \$250,000
Minor Source Construction Applications	FY18 Budget				
Number of application review staff	3.50	3.50	3.50	2.50	3.50
Number of Indirect Staff		1.44	1.44	1.44	1.44
Carry Forward	-\$117,000	\$0	\$0	\$0	\$0
Fee Revenue Generated	\$193,000	\$193,000	\$250,000	\$193,000	\$250,000
Fee Rate	\$385	\$385	\$500	\$385	\$500
Percent of Total Cost	40%	40%	37%	40%	37%
State & Federal Funds Match	\$289,500	\$289,500	\$428,490	\$289,500	\$428,490
Match Rate	\$579	\$579	\$857	\$579	\$857
Percent of Total Cost	60%	60%	63%	60%	63%
Net Revenue	\$365,500	\$482,500	\$678,490	\$482,500	\$678,490
Expenses	\$621,000	\$627,380	\$627,380	\$500,380	\$627,380
Difference	-\$255,500	-\$144,880	\$51,110	-\$17,880	\$51,110
Change in number of staff	(2.01)			(1.00)	

Minor Source Construction Permitting	Fee Rate	Fee Rate Multiplier	Fee total	Match Rate	Match Rate Multiplier	Match Total
FY18 Budget	\$304	\$112	\$385	\$411	\$168	\$579
FY18 Budget Estimates Revised 6/2017*	\$304	\$112	\$385	\$411	\$168	\$579
FY18 Direct & Indirect Expenses	\$395	\$145	\$500	\$608	\$249	\$857
FY18 Full Funding -1 position	\$304	\$112	\$385	\$411	\$168	\$579
Statutory Cap: \$250,000	\$395	\$145	\$500	\$608	\$249	\$857

* The multiplier is that additional rate necessary to cover indirect costs

** Corrected ratio Billable/Multiplier: 71% : 29%

Minor Source Data Demonstrating Scenarios considering 6 months at current rates

Scenario 1 FY18 Budget	\$385.00 per permit					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	-\$117,000	-\$255,500	-\$405,800	-\$568,100	-\$742,700	-\$929,800
Revenues	\$482,500	\$482,500	\$482,500	\$482,500	\$482,500	\$482,500
Expenses	\$621,000	\$632,800	\$644,800	\$657,100	\$669,600	\$682,300
Difference	-\$255,500	-\$405,800	-\$568,100	-\$742,700	-\$929,800	-\$1,129,600

Scenario 2 FY18 Budget Estimates Revised 6/2017	\$385.00 per permit					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	\$0	-\$144,880	-\$301,680	-\$470,580	-\$651,880	-\$845,780
Revenues	\$482,500	\$482,500	\$482,500	\$482,500	\$482,500	\$482,500
Expenses	\$627,380	\$639,300	\$651,400	\$663,800	\$676,400	\$689,300
Difference	-\$144,880	-\$301,680	-\$470,580	-\$651,880	-\$845,780	-\$1,052,580

Scenario 3 FY18 Direct & Indirect Costs (considering current workload)	1/1/18: \$500.00 per permit					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward		-\$46,885	\$5,196	\$45,178	\$72,759	\$87,740
Revenues	\$580,495	\$691,381	\$691,381	\$691,381	\$691,381	\$691,381
Expenses	\$627,380	\$639,300	\$651,400	\$663,800	\$676,400	\$689,300
Difference	-\$46,885	\$5,196	\$45,178	\$72,759	\$87,740	\$89,822

Scenario 4 FY18 Full Funding -1 position	1/1/18: \$385.00 per permit					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward		-\$81,380	-\$108,780	-\$145,880	-\$192,880	-\$249,980
Revenues	\$482,500	\$482,500	\$482,500	\$482,500	\$482,500	\$482,500
Expenses	\$563,880	\$509,900	\$519,600	\$529,500	\$539,600	\$549,900
Difference	-\$81,380	-\$108,780	-\$145,880	-\$192,880	-\$249,980	-\$317,380

Scenario 5 Statutory Cap: \$250,000	1/1/18: \$500 per permit					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward		-\$46,885	\$5,196	\$45,178	\$72,759	\$87,740
Revenues	\$580,495	\$691,381	\$691,381	\$691,381	\$691,381	\$691,381
Expenses	\$627,380	\$639,300	\$651,400	\$663,800	\$676,400	\$689,300
Difference	-\$46,885	\$5,196	\$45,178	\$72,759	\$87,740	\$89,822

Title V Operating Permit Application: Evolution of Scenarios - Full FY

Scenario Labels	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
Title V Operating Permit Applications	FY18 Budget	FY18 Budget Estimates Revised 6/2017*	FY18 Full Funding -2 positions	FY18 Full Funding -3 positions	Statutory Cap: \$1,250,000
Fee Rate	\$100	\$100	\$200	\$178	\$178
Direct Hours	291	853	1000	1000	1000
Indirect Hours	1789	1227	1080	1080	1080
Number of application review staff	10.00	10.00	8.00	7.00	7.00
Number of Indirect Staff		1.50	1.50	1.5	1.50
Carry Forward	-\$219,000	-\$219,000	-\$219,000	-\$219,000	-\$219,000
Application Fee Revenue	\$1,198,000	\$853,000	\$1,600,000	\$1,246,000	\$1,246,000
Title V Emission Fees* backlog work	\$358,150	\$358,150	\$358,150	\$358,000	\$358,000
Net Revenue	\$1,337,150	\$992,150	\$1,739,150	\$1,385,000	\$1,385,000
Expenses	\$1,235,000	\$1,460,500	\$1,206,500	\$1,079,500	\$1,079,500
Difference	\$102,150	-\$468,350	\$532,650	\$305,500	\$305,500
<i>Change in number of staff</i>				(1.00)	(1.00)

* FY18 Budget Estimates Revised 6/2017 does not include support & management

Title V Operating Permit Applications	Billable rate	Multiplier*	Total
FY18 Current Rates	\$71	\$29	\$100
FY18 Budget Estimates Revised 6/2017*	\$71	\$29	\$100
FY18 Full Funding ²² positions **	\$142	\$58	\$200
FY18 Full Funding ²² positions	\$126	\$52	\$178
Statutory Cap: \$1,250,000	\$126	\$52	\$178

* The multiplier is that additional rate necessary to cover indirect costs

** Corrected ratio Billable/Multiplier: 71% : 29%

Depends on Rulemaking complete by 1/1/18

Depends on Rulemaking complete by 1/1/18

Depends on Rulemaking complete by 1/1/18

Title V Application Data Demonstrating Scenarios considering 6 months at current rates

Scenario 1 FY18 Budget	\$100.00 per hour					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	-\$219,000	\$102,150	\$41,650	-\$42,750	-\$151,550	-\$285,150
Revenues	\$1,556,150	\$1,198,000	\$1,198,000	\$1,198,000	\$1,198,000	\$1,198,000
Expenses	\$1,235,000	\$1,258,500	\$1,282,400	\$1,306,800	\$1,331,600	\$1,356,900
Difference	\$102,150	\$41,650	-\$42,750	-\$151,550	-\$285,150	-\$444,050

Scenario 2 FY18 Budget Estimates Revised 6/2017	\$100.00 per hour					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	-\$219,000	-\$468,350	-\$1,075,850	-\$1,711,050	-\$2,374,550	-\$3,066,850
Revenues	\$1,211,150	\$853,000	\$853,000	\$853,000	\$853,000	\$853,000
Expenses	\$1,460,500	\$1,460,500	\$1,488,200	\$1,516,500	\$1,545,300	\$1,574,700
Difference	-\$468,350	-\$1,075,850	-\$1,711,050	-\$2,374,550	-\$3,066,850	-\$3,788,550

Scenario 3 FY18 Full Funding ²² positions	1/1/18: \$200.00 per hour					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	-\$219,000	\$251,150	\$248,250	\$221,950	\$171,850	\$97,450
Revenues	\$1,584,650	\$1,226,500	\$1,226,500	\$1,226,500	\$1,226,500	\$1,226,500
Expenses	\$1,333,500	\$1,229,400	\$1,252,800	\$1,276,600	\$1,300,900	\$1,325,600
Difference	\$251,150	\$248,250	\$221,950	\$171,850	\$97,450	-\$1,650

Scenario 4 FY18 Full Funding ²² positions	1/1/18: \$178.00 per hour					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	-\$219,000	-\$81,425	\$64,575	\$189,675	\$293,475	\$375,575
Revenues	\$1,407,575	\$1,246,000	\$1,246,000	\$1,246,000	\$1,246,000	\$1,246,000
Expenses	\$1,270,000	\$1,100,000	\$1,120,900	\$1,142,200	\$1,163,900	\$1,186,000
Difference	-\$81,425	\$64,575	\$189,675	\$293,475	\$375,575	\$435,575

Scenario 5 Statutory Cap: \$1,250,000	1/1/18: \$178 per hour					
Major	FY18	FY19	FY20	FY21	FY22	FY23
Carry forward	-\$219,000	-\$81,425	\$64,575	\$189,675	\$293,475	\$375,575
Revenues	\$1,407,575	\$1,246,000	\$1,246,000	\$1,246,000	\$1,246,000	\$1,246,000
Expenses	\$1,270,000	\$1,100,000	\$1,120,900	\$1,142,200	\$1,163,900	\$1,186,000
Difference	-\$81,425	\$64,575	\$189,675	\$293,475	\$375,575	\$435,575