

Economic Benefit Summary

	Min		Max	
Page 1	\$	711,619	\$	859,987
Page 2	\$	2,572,579	\$	3,107,534
Page 3	\$	868,964	\$	1,094,561
Page 4	\$	42,173	\$	99,830
Total	\$	4,195,335	\$	5,161,912

Notes/Assumptions

- 1 Non-compliance date is date of issuance for the first Notice of Violation (1/27/2011).
- 2 Compliance date is hire date for each individual staff person.
- 3 Penalty Payment date is TBD, October 12, 2016 for computation purposes.
- 4
Low estimate assumes lowest salary in pay range (Scale A) for position. Salary based on those included in City of San Diego, Salary Table, Effective 07/01/2015.
- 5 Max estimate assumes highest salary in pay range (Scale E) and highest duty estimate in cases where range was provided (Code Compliance). Salary based on those included in City of San Diego, Salary Table, Effective 07/01/2015.
- 6
Six staff were excluded based on short-duration employment or were previously employed by the City and became fulltime stormwater inspectors/supervisors.
- 7 Training costs based on Purchase Order #4500062800 dated 3/17/2015 provided by City.
- 8 All salaries adjusted for typical employment costs including base salary, benefits, and unit administrative expenses using a multiplier of 2.0.

Economic Benefit Analysis

City of San Diego - Min (Page 1)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		Compliance
DSD Inspector - Bayliss		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 8,300	ECI	7/1/2015	1/27/2011	1/31/2015	10/12/2016	4.10%	\$ 36,930
DSD Inspector - McKee		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 7,902	ECI	7/1/2015	1/27/2011	1/31/2015	10/12/2016	4.10%	\$ 35,160
DSD Inspector - Abeel		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 47,310
DSD Inspector - Griffin		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 47,310
DSD Inspector - Long		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 11,066	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 49,691
DSD Inspector - Stringer		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 47,310
DSD Inspector - Gorman		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	2/28/2015	10/12/2016	4.10%	\$ 47,739
DSD Inspector - Locatelli		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	2/28/2015	10/12/2016	4.10%	\$ 47,739
DSD Inspector - Jauregui		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	5/9/2015	10/12/2016	4.10%	\$ 49,873
DSD Inspector - Moth		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 11,066	ECI	7/1/2015	1/27/2011	5/13/2015	10/12/2016	4.10%	\$ 52,511
DSD Inspector - Richards		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 8,300	ECI	7/1/2015	1/27/2011	5/18/2015	10/12/2016	4.10%	\$ 39,503
DSD Inspector - Howell		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	6/20/2015	10/12/2016	4.10%	\$ 51,145
DSD Inspector - Bonitati		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	8/15/2015	10/12/2016	4.10%	\$ 52,844
DSD Inspector - Franklyn		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	8/29/2015	10/12/2016	4.10%	\$ 53,277
DSD Inspector - Hanlon		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	8/29/2015	10/12/2016	4.10%	\$ 53,277

Income Tax Schedule:

Municipality

Analyst:

Bryan Elder

Total Benefit: \$ 711,619

USEPA BEN Model Version:

Version 5.5.0 (July 2015)

Date/Time of Analysis:

6/9/2016 14:37

Assumptions:

1 Notes and assumptions are summarized on the Summary Sheet.

Economic Benefit Analysis

City of San Diego - Max (Page 1)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		Compliance
DSD Inspector - Bayliss		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 9,553	ECI	7/1/2015	1/27/2011	1/31/2015	10/12/2016	4.10%	\$ 42,505
DSD Inspector - McKee		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,021	ECI	7/1/2015	1/27/2011	1/31/2015	10/12/2016	4.10%	\$ 44,587
DSD Inspector - Abeel		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 57,192
DSD Inspector - Griffin		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 13,361	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 59,994
DSD Inspector - Long		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 57,192
DSD Inspector - Stringer		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 57,192
DSD Inspector - Gorman		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	2/28/2015	10/12/2016	4.10%	\$ 57,710
DSD Inspector - Locatelli		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	2/28/2015	10/12/2016	4.10%	\$ 57,710
DSD Inspector - Jauregui		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	5/9/2015	10/12/2016	4.10%	\$ 60,290
DSD Inspector - Moth		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 13,361	ECI	7/1/2015	1/27/2011	5/13/2015	10/12/2016	4.10%	\$ 63,398
DSD Inspector - Richards		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,021	ECI	7/1/2015	1/27/2011	5/18/2015	10/12/2016	4.10%	\$ 47,693
DSD Inspector - Howell		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	6/20/2015	10/12/2016	4.10%	\$ 61,829
DSD Inspector - Bonitati		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	8/15/2015	10/12/2016	4.10%	\$ 63,883
DSD Inspector - Franklyn		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	8/29/2015	10/12/2016	4.10%	\$ 64,406
DSD Inspector - Hanlon		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	8/29/2015	10/12/2016	4.10%	\$ 64,406

Income Tax Schedule:

Municipality

Analyst:

Bryan Elder

Total Benefit: \$ 859,987

USEPA BEN Model Version:

Version 5.5.0 (July 2015)

Date/Time of Analysis:

6/9/2016 14:41

Assumptions:

1 Notes and assumptions are summarized on the Summary Sheet.

Economic Benefit Analysis

City of San Diego - Min (Page 2)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non-Compliance
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		
DSD Inspector - Baccarella		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 11,066	ECI	7/1/2015	1/27/2011	9/12/2015	10/12/2016	4.10%	\$ 56,402
DSD Inspector - Cornair		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	9/12/2015	10/12/2016	4.10%	\$ 53,698
DSD Inspector - Healy		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 110,664	ECI	7/1/2015	1/27/2011	10/24/2015	10/12/2016	4.10%	\$ 577,241
DSD Inspector - Joy		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 110,664	ECI	7/1/2015	1/27/2011	10/24/2015	10/12/2016	4.10%	\$ 577,241
DSD Inspector - Grant		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,536	ECI	7/1/2015	1/27/2011	11/7/2015	10/12/2016	4.10%	\$ 55,391
DSD Supervisor - Lindsey		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 127,056	ECI	7/1/2015	1/27/2011	7/18/2015	10/12/2016	4.10%	\$ 627,084
DSD Supervisor - Garcia		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 5,082	ECI	7/1/2015	1/27/2011	6/20/2015	10/12/2016	4.10%	\$ 24,671
FED Inspector - Cerezo		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	5/11/2015	10/12/2016	4.10%	\$ 71,334
FED Inspector - Cuevas		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	6/8/2015	10/12/2016	4.10%	\$ 72,547
FED Inspector - D'Amico		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 70,727
FED Inspector - Ecclesine		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 70,727
FED Inspector - Guarente		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 17,420	ECI	7/1/2015	1/27/2011	5/26/2015	10/12/2016	4.10%	\$ 83,313
FED Inspector - Guerrero		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	5/11/2015	10/12/2016	4.10%	\$ 71,334
FED Inspector - Mahjoubfar		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 17,420	ECI	7/1/2015	1/27/2011	9/14/2015	10/12/2016	4.10%	\$ 88,885
FED Inspector - Ortega		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	5/26/2015	10/12/2016	4.10%	\$ 71,984

Income Tax Schedule:

Municipality

Analyst:

Bryan Elder

Total Benefit: \$ 2,572,579

USEPA BEN Model Version:

Version 5.5.0 (July 2015)

Date/Time of Analysis:

6/9/2016 14:42

Assumptions:

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Economic Benefit Analysis

City of San Diego - Max (Page 2)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non-Compliance
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		
DSD Inspector - Baccarella		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 13,361	ECI	7/1/2015	1/27/2011	9/12/2015	10/12/2016	4.10%	\$ 68,095
DSD Inspector - Cornair		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	9/12/2015	10/12/2016	4.10%	\$ 64,915
DSD Inspector - Healy		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 133,608	ECI	7/1/2015	1/27/2011	10/24/2015	10/12/2016	4.10%	\$ 696,920
DSD Inspector - Joy		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 133,608	ECI	7/1/2015	1/27/2011	10/24/2015	10/12/2016	4.10%	\$ 696,920
DSD Inspector - Grant		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 12,737	ECI	7/1/2015	1/27/2011	11/7/2015	10/12/2016	4.10%	\$ 66,962
DSD Supervisor - Lindsey		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 153,456	ECI	7/1/2015	1/27/2011	7/18/2015	10/12/2016	4.10%	\$ 757,381
DSD Supervisor - Garcia		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 6,138	ECI	7/1/2015	1/27/2011	6/20/2015	10/12/2016	4.10%	\$ 29,797
FED Inspector - Cerezo		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	5/11/2015	10/12/2016	4.10%	\$ 86,383
FED Inspector - Cuevas		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	6/8/2015	10/12/2016	4.10%	\$ 87,851
FED Inspector - D'Amico		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 85,647
FED Inspector - Ecclesine		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 85,647
FED Inspector - Guarente		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 20,988	ECI	7/1/2015	1/27/2011	5/26/2015	10/12/2016	4.10%	\$ 100,375
FED Inspector - Guerrero		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	5/11/2015	10/12/2016	4.10%	\$ 86,383
FED Inspector - Mahjoubfar		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 20,988	ECI	7/1/2015	1/27/2011	9/14/2015	10/12/2016	4.10%	\$ 107,088
FED Inspector - Ortega		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	5/26/2015	10/12/2016	4.10%	\$ 87,170

Income Tax Schedule:

Municipality

Analyst:

Bryan Elder

Total Benefit: \$ 3,107,534

USEPA BEN Model Version:

Version 5.5.0 (July 2015)

Date/Time of Analysis:

6/9/2016 14:43

Assumptions:

1 Notes and assumptions are summarized on the Summary Sheet.

Economic Benefit Analysis

City of San Diego - Min (Page 3)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non-Compliance
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		
FED Inspector - Phan		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	5/26/2015	10/12/2016	4.10%	\$ 71,984
FED Inspector - Sanchez		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 17,420	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 81,857
FED Inspector - Skinner		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 70,727
FED Inspector - Solis		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	9/28/2015	10/12/2016	4.10%	\$ 77,399
FED Inspector - Younan		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	6/15/2015	10/12/2016	4.10%	\$ 72,850
FED Supervisor - Yu		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	4/13/2015	10/12/2016	4.10%	\$ 70,118
FED Inspector - Zaya		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 15,052	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 70,727
DSD Supervisor - Chavez		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 23,116	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 103,796
DSD Supervisor - Chiquete		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 8,022	ECI	7/1/2015	1/27/2011	3/14/2015	10/12/2016	4.10%	\$ 36,675
DSD Supervisor - Flores Meza		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 8,022	ECI	7/1/2015	1/27/2011	3/14/2015	10/12/2016	4.10%	\$ 36,675
DSD Supervisor - Perez		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 9,246	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 41,518
DSD Supervisor - Wright		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 20,056	ECI	7/1/2015	1/27/2011	3/14/2015	10/12/2016	4.10%	\$ 91,687
SWD Inspector - Marsden		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 1,494	ECI	7/1/2015	1/27/2011	12/20/2014	10/12/2016	4.10%	\$ 6,456
SWD Inspector - Kolstad		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 3,736	ECI	7/1/2015	1/27/2011	4/25/2015	10/12/2016	4.10%	\$ 17,532
SWD Inspector - Kirk		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 3,736	ECI	7/1/2015	1/27/2011	9/5/2015	10/12/2016	4.10%	\$ 18,964

Income Tax Schedule:

Municipality

Analyst:

Bryan Elder

Total Benefit: \$ 868,964

USEPA BEN Model Version:

Version 5.5.0 (July 2015)

Date/Time of Analysis:

6/9/2016 14:44

Assumptions:

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Economic Benefit Analysis

City of San Diego - Max (Page 3)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non-Compliance
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		
FED Inspector - Phan		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	5/26/2015	10/12/2016	4.10%	\$ 87,170
FED Inspector - Sanchez		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 20,988	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 98,621
FED Inspector - Skinner		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 85,647
FED Inspector - Solis		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	9/28/2015	10/12/2016	4.10%	\$ 93,727
FED Inspector - Younan		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	6/15/2015	10/12/2016	4.10%	\$ 88,217
FED Supervisor - Yu		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	4/13/2015	10/12/2016	4.10%	\$ 84,910
FED Inspector - Zaya		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 18,227	ECI	7/1/2015	1/27/2011	4/27/2015	10/12/2016	4.10%	\$ 85,647
DSD Supervisor - Chavez		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 27,950	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 125,506
DSD Supervisor - Chiquete		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 9,688	ECI	7/1/2015	1/27/2011	3/14/2015	10/12/2016	4.10%	\$ 44,291
DSD Supervisor - Flores Meza		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 9,688	ECI	7/1/2015	1/27/2011	3/14/2015	10/12/2016	4.10%	\$ 44,291
DSD Supervisor - Perez		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 11,180	ECI	7/1/2015	1/27/2011	2/14/2015	10/12/2016	4.10%	\$ 50,202
DSD Supervisor - Wright		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 24,221	ECI	7/1/2015	1/27/2011	3/14/2015	10/12/2016	4.10%	\$ 110,729
SWD Inspector - Marsden		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 1,798	ECI	7/1/2015	1/27/2011	12/20/2014	10/12/2016	4.10%	\$ 7,768
SWD Inspector - Kolstad		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 8,990	ECI	7/1/2015	1/27/2011	4/25/2015	10/12/2016	4.10%	\$ 42,193
SWD Inspector - Kirk		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 8,990	ECI	7/1/2015	1/27/2011	9/5/2015	10/12/2016	4.10%	\$ 45,641

Income Tax Schedule:

Municipality

Analyst:

Bryan Elder

Total Benefit: \$ 1,094,561

USEPA BEN Model Version:

Version 5.5.0 (July 2015)

Date/Time of Analysis:

6/9/2016 14:45

Assumptions:

1 Notes and assumptions are summarized on the Summary Sheet.

Economic Benefit Analysis
City of San Diego - Min (Page 4)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non-Compliance
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		
SWD Inspector - Page		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 3,736	ECI	7/1/2015	1/27/2011	9/26/2015	10/12/2016	4.10%	\$ 19,188
SWD Supervisor - Marsden		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 4,303	ECI	7/1/2015	1/27/2011	9/17/2015	10/12/2016	4.10%	\$ 21,993
Inadequate training		ECI	1/1/2015	Y	\$ 9,935.00	ECI	3/17/2015	Y		ECI	7/1/2015	1/27/2011	5/28/2015	10/12/2016	4.10%	\$ 992

Income Tax Schedule:	Municipality	Analyst:	Bryan Elder	Total Benefit:	\$	42,173
USEPA BEN Model Version:	Version 5.5.0 (July 2015)	Date/Time of Analysis:	6/9/2016 14:46			
Assumptions:	1 Notes and assumptions are summarized on the Summary Sheet.					

Economic Benefit Analysis
City of San Diego - Max (Page 4)

Compliance Action	Capital Investment				One-Time Non-Depreciable Expenditure				Annual Cost			Non-Compliance	Compliance	Penalty Payment	Discount Rate	Benefit of Non-Compliance
	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Delayed?	Amount	Basis	Date	Date	Date	Date		
SWD Inspector - Page		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 8,990	ECI	7/1/2015	1/27/2011	9/26/2015	10/12/2016	4.10%	\$ 46,180
SWD Supervisor - Marsden		ECI	1/1/2015	Y		ECI	1/1/2015	N	\$ 10,303	ECI	7/1/2015	1/27/2011	9/17/2015	10/12/2016	4.10%	\$ 52,659
Inadequate training		ECI	1/1/2015	Y	\$ 9,935.00	ECI	3/17/2015	Y		ECI	7/1/2015	1/27/2011	5/28/2015	10/12/2016	4.10%	\$ 992

Income Tax Schedule: Municipality Analyst: Bryan Elder Total Benefit: \$ 99,830

USEPA BEN Model Version: Version 5.5.0 (July 2015) Date/Time of Analysis: 6/9/2016 14:47

Assumptions:

1 Notes and assumptions are summarized on the Summary Sheet.

Number	Inspector Name	Division	Hire Date	Inspector/Supervisor	Class Title	% SW	Salary Low (A)	Salary High (E)	Cont. Salary (low)	Cont. Salary (High)
1	Bayliss, John K	DSD	1/31/2015	I	Elect 2	7.5	\$ 55,332	\$ 66,804	\$ 8,300	\$ 10,021
2	McKee, Brandon R	DSD	1/31/2015	I	Mech 1	7.5	\$ 52,680	\$ 63,684	\$ 7,902	\$ 9,553
3	Abeel, Brian B	DSD	2/14/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
4	Griffin, Michael J	DSD	2/14/2015	I	Combo 2	10	\$ 55,332	\$ 66,804	\$ 11,066	\$ 13,361
5	Long, Patrick A	DSD	2/14/2015	I	Struct 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
6	Stringer, James L	DSD	2/14/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
7	Gorman, Daniel B	DSD	2/28/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
8	Locatelli, Matteo	DSD	2/28/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
9	Jauregui, Elias J	DSD	5/9/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
10	Moth, John S (Provisional)	DSD	5/13/2015	I	Combo 2	10	\$ 55,332	\$ 66,804	\$ 11,066	\$ 13,361
11	Richards, Walter A (Provisional)	DSD	5/18/2015	I	Mech 2	7.5	\$ 55,332	\$ 66,804	\$ 8,300	\$ 10,021
12	Howell, James S	DSD	6/20/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
13	Bonitati, Michael P	DSD	8/15/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
14	Franklyn, Kenneth W	DSD	8/29/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
15	Hanlon, Joseph J	DSD	8/29/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
16	Baccarella, Michael A	DSD	9/12/2015	I	Struct 2	10	\$ 55,332	\$ 66,804	\$ 11,066	\$ 13,361
17	Cornair, Bradley S	DSD	9/12/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
18	Healy, Kenneth	DSD	10/24/2015	I	Struct 2	100	\$ 55,332	\$ 66,804	\$ 110,664	\$ 133,608
19	Joy, Thomas P	DSD	10/24/2015	I	Struct 2	100	\$ 55,332	\$ 66,804	\$ 110,664	\$ 133,608
20	Grant, Derek	DSD	11/7/2015	I	Combo 1	10	\$ 52,680	\$ 63,684	\$ 10,536	\$ 12,737
21	Lindsey, Samuel	DSD	7/18/2015	S	Snr Combo	100	\$ 63,528	\$ 76,728	\$ 127,056	\$ 153,456
22	Garcia, Richard	DSD	6/20/2015	S	Snr Mech	4	\$ 63,528	\$ 76,728	\$ 5,082	\$ 6,138
23	Cerezo, Raimundo	FED	5/11/2015	I	Princ. Engr. Aide	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
24	Cuevas, Kent	FED	6/8/2015	I	Jnr. Engr - Civil	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
25	D'Amico, Nicholas	FED	4/27/2015	I	Princ. Engr. Aide	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
26	Ecclesine, Joeseeph	FED	4/27/2015	I	Princ. Engr. Aide	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
27	Guarente, Stephen	FED	5/26/2015	I	Asst. Engr - Civil	15	\$ 58,068	\$ 69,960	\$ 17,420	\$ 20,988
28	Guerrero, Kenner	FED	5/11/2015	I	Jnr. Engr - Civil	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
29	Mahjoubfar, Ali	FED	9/14/2015	I	Asst. Engr - Elect	15	\$ 58,068	\$ 69,960	\$ 17,420	\$ 20,988
30	Ortega, Luis	FED	5/26/2015	I	Jnr. Engr - Civil	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
31	Phan, Si	FED	5/26/2015	I	Jnr. Engr - Civil	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
32	Sanchez, Ricardo	FED	4/27/2015	I	Asst. Engr - Civil	15	\$ 58,068	\$ 69,960	\$ 17,420	\$ 20,988
33	Skinner, Jared	FED	4/27/2015	I	Princ. Engr. Aide	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
34	Solis, Cuathemoc	FED	9/28/2015	I	Princ. Engr. Aide	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
35	Younan, Salem	FED	6/15/2015	I	Jnr. Engr - Civil	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
36	Yu, Avram	FED	4/13/2015	I	Jnr. Engr - Civil	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
37	Zaya, Emad	FED	4/27/2015	I	Jnr. Engr - Elect	15	\$ 50,172	\$ 60,756	\$ 15,052	\$ 18,227
38	Chavez, Sarah	FED	2/14/2015	S	Snr. Civil Engr	15	\$ 77,052	\$ 93,168	\$ 23,116	\$ 27,950
39	Chiquete, Octavio	FED	3/14/2015	S	Assoc. Engr - Civil	6	\$ 66,852	\$ 80,736	\$ 8,022	\$ 9,688
40	Flores Meza, Manuel	FED	3/14/2015	S	Assoc. Engr - Civil	6	\$ 66,852	\$ 80,736	\$ 8,022	\$ 9,688
41	Perez, Tony	FED	2/14/2015	S	Snr. Civil Engr	6	\$ 77,052	\$ 93,168	\$ 9,246	\$ 11,180
42	Wright, Ken	FED	3/14/2015	S	Assoc. Engr - Civil	15	\$ 66,852	\$ 80,736	\$ 20,056	\$ 24,221
43	Marsden, Derek	SWD	12/20/2014	I	Code Compliance Officer	2	\$ 37,356	\$ 44,952	\$ 1,494	\$ 1,798
44	Kolstad, Scott	SWD	4/25/2014	I	Code Compliance Officer	5/10	\$ 37,356	\$ 44,952	\$ 3,736	\$ 8,990
45	Kirk, David	SWD	9/5/2015	I	Code Compliance Officer	5/10	\$ 37,356	\$ 44,952	\$ 3,736	\$ 8,990
46	Page, Seneca	SWD	9/26/2015	I	Code Compliance Officer	5/10	\$ 37,356	\$ 44,952	\$ 3,736	\$ 8,990
47	Marsden, Derek	SWD	9/17/2015	S	Code Compliance Supervisor	5/10	\$ 43,032	\$ 51,516	\$ 4,303	\$ 10,303
	Marsden, Derek	SWD	11/18/2015	S	Code Compliance Supervisor	5/10	\$ 43,032	\$ 51,516	\$ 4,303	\$ 10,303