

**APPENDIX B**

**REASONABLE ASSURANCE ANALYSIS**

**COUNTYWIDE ATTAINMENT STRATEGY**

## Memorandum

**Date:** August 7, 2019  
**To:** Courtney Riddle, Karin Graves, and Lucile Paquette, Contra Costa Clean Water Program  
**Copy:** Dan Cloak, Dan Cloak Environmental Consulting  
**From:** Lisa Austin, Principal; Kelly Havens, Senior Engineer; and Austin Orr, Professional Engineer  
**Subject:** Reasonable Assurance Analysis Countywide Attainment Strategy  
Geosyntec Project Number: LA0540

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### 1. BACKGROUND

#### 1.1 Regulatory Requirements

Provisions C.11/12.c.ii.(2) of the Municipal Regional Permit (MRP) require Permittees to prepare Reasonable Assurance Analyses (RAA) for mercury and PCBs, respectively, that achieve the following objectives:

- a) Quantify the relationship between areal extent of green infrastructure (GI) implementation and load reductions, taking into consideration the scale of contamination of the treated area as well as the pollutant removal effectiveness of likely GI strategies;
- b) Estimate the amount and characteristics of land area that will be treated through GI by 2020, 2030, and 2040;
- c) Estimate the amount of load reductions that will result from GI implementation by 2020, 2030, and 2040; and
- d) Quantitatively demonstrate that PCBs reductions of at least 0.5 kg/yr and mercury reductions of 1.7 kg/yr will be realized within Contra Costa County by 2040 through implementation of GI projects.

#### 1.2 Preliminary RAA Findings

Geosyntec Consultants (Geosyntec) is conducting RAA modeling for the Contra Costa Clean Water Program (CCCWP) as required by the MRP for submittal with the 2020 Annual Report. In

Fiscal Year 2018/19, Geosyntec conducted RAA modeling to assist the Permittees with GI planning<sup>1</sup>.

As part of the preliminary RAA modeling conducted to assist Permittees with GI Planning, a “Countywide Attainment Scenario” was modeled which examined PCBs loads reduced by each project opportunity incorporated in the Contra Costa Watersheds Storm Water Resource Plan (CCW SWRP). This scenario focused on PCBs, consistent with the MRP’s emphasis on measures designed to reduce PCBs, while also evaluating opportunities for mercury reduction. CCCWP has drafted this Countywide Attainment Scenario memorandum to summarize these results and further the Permittees’ group discussion of how PCBs load reduction goals could be achieved on a countywide basis.

The results of this analysis demonstrate that the public GI retrofit opportunities that have the highest potential to reduce PCBs loads are concentrated within a small subset of Contra Costa Permittee area due to the pattern of pre-1980 industrial development within the region. (Note that GI implementation feasibility was not field-evaluated as part of development of the CCW SWRP, thus the feasibility of implementation for these potential project locations has yet to receive a site-specific evaluation.) Conversely, many Contra Costa Permittees have no or very few opportunities to contribute significantly toward achievement of countywide PCBs loading reductions via implementation of GI in their communities. Further, if load reductions are not achieved on a regional or countywide scale, and load reductions are allocated at a local level (by population), these Permittees would not be able to achieve those load reduction allocations due to a lack of opportunity.

Thus, given these findings, the Contra Costa Permittees, collectively, believe that a countywide strategy would be the best way to achieve the PCBs load reduction goals in a more efficient and effective manner. For the purposes of creating their local GI Plans, Contra Costa Permittees have prioritized their GI projects based on achieving other multiple benefits. These other benefits include controlling other stormwater pollutants, preserving and enhancing local stream hydrology, reducing localized flooding, helping communities adapt to climate change by increasing the resiliency of water supply, ancillary benefits that derive from adding landscaped areas within the urbanized environment, and mitigating the urban heat island effect.

This Countywide Attainment Strategy memorandum is referenced in the Permittees’ GI Plans for information only, and it does not represent, in any way, an intent to implement the strategy or any

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<sup>1</sup> The results of this RAA modeling are preliminary. The CCCWP is in the process, in collaboration with BASMAA, of having the RAA modeling approach peer-reviewed. The RAA modeling results are subject to revision depending on the outcome of the peer review process.

of the projects listed herein. For projects for which potential implementation will be pursued, refer to each Permittee's individual GI Plan project list and prioritization.

This memorandum describes the approach used to model the Countywide Attainment scenario and presents the results of the analysis, in addition to potential next steps for Contra Costa County Permittees to implement projects collectively in an effort to meet the load reduction requirements included in the MRP.

## 2. COUNTYWIDE ATTAINMENT SCENARIO METHODOLOGY

### 2.1 Methodology Overview

To conduct the RAA Countywide Attainment Scenario modeling, calculations were performed, and inputs procured or developed, as follows:

1. Baseline modeling was conducted to estimate the baseline (i.e., 2003) load of PCBs and mercury for Contra Costa County.
2. Using the resulting baseline load, calculations were performed to establish the MRP-required load reduction through GI for 2040.
3. GIS inputs were obtained or finalized for existing redevelopment and public GI projects and future private (i.e., C.3.d) projects, as follows:
  - a. New development and redevelopment projects from 2003 – 2018 were compiled from existing AGOL<sup>2</sup> project data, and
  - b. UrbanSim<sup>3</sup> redevelopment projections for 2020, 2030, and 2040 were confirmed or revised by the Permittees.
4. The GI load reduction model was applied to the existing development (through 2018) and predicted future private redevelopment (2019 – 2040) to assess the PCBs loads reduced by these projects.

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<sup>2</sup> The CCCWP's stormwater GIS platform, created using ESRI's ArcGIS Online (AGOL) for Organizations environment. The *C.3 Project Tracking and Load Reduction Accounting Tool* is used for tracking GI projects implemented under C.3 within the CCCWP AGOL system.

<sup>3</sup> A model developed by the Urban Analytics Lab at the University of California under contract to the Bay Area MTC. The Bay Area's application of UrbanSim was developed specifically to support the development of Plan Bay Area, the Bay Area's Sustainable Communities planning effort. MTC forecasts growth in households and jobs and uses the UrbanSim model to identify development and redevelopment sites to satisfy future demand. This model was applied to Contra Costa County to project new and redevelopment for the RAA model timeframes.

5. A countywide PCBs public retrofit load reduction goal was then calculated by subtracting the load reduced by the existing and projected future private redevelopment load from the countywide goal established in Step 2.
6. The GI load reduction model was applied to the CCW SWRP project opportunities list to assess PCBs loads reduced by each project opportunity.

Additional detail is provided in the following sections.

## 2.2 Baseline Modeling

The countywide baseline model was developed as described in the *Quantitative Relationship Between GI Implementation and PCBs/Mercury Load Reductions* report (CCCWP, 2018).

A GIS analysis was conducted to apportion the modeled baseline load to areas above and below dams, within the San Francisco Bay Regional Water Quality Control Board (Region 2) versus Central Valley Regional Water Quality Control Board (Region 5), and other NPDES permittee area (i.e., parcels associated with individual NPDES permits, Industrial General Permit facilities, and Phase 2 permittee areas). The TMDLs were calculated for all urban areas draining to San Francisco Bay (thus only Region 2) and for areas below dams (as it is assumed that the dams capture sediments and prevent them from carrying pollutants to the Bay). Additionally, the parcel area associated with other NPDES permits was removed to estimate the baseline load attributable to the MS4 permit area only. Thus, the baseline countywide PCBs load below dams, within Region 2, was used to establish the PCBs load reduction goal for the MS4 permit area.

The results of the baseline modeling are presented in Table 1 below. The baseline countywide load used to establish the PCBs load reduction goal for the Permittee area is shown in bold.

**Table 1: RAA Baseline PCBs Load Allocation Table (grams)**

RWQCB Region	Above/Below Dam	Permit	Baseline Load PCBs (grams)
<b>Region 2</b>	<b>Below Dam</b>	<b>MRP</b>	<b>1,587.0</b>
		NPDES	779.6
		Phase 2	13.7
	Above Dam	MRP	41.4
		NPDES	0.1
		Phase 2	0
Region 5	Below Dam	MRP	134.8
		NPDES	14.8
		Phase 2	0.6
	Above Dam	MRP	1.0
		NPDES	0
		Phase 2	0
		<b>Total</b>	<b>2,572.9</b>

### 2.3 Load Reduction Goal Calculations

Calculations were conducted to develop the load reduction goals for 2020, 2030, and 2040, as described in the *Bay Area RAA Guidance Document* (BASMAA, 2017). The calculation methodology is summarized below.

#### TMDL Attainment Load Reduction (2030)

$$LR_{\text{goal}} = \text{Baseline} - \text{WLA (kg/yr)}$$

Where:

$$LR_{\text{goal}} = \text{The load reduction goal (kg/yr)}$$

$$\text{Baseline} = \text{The baseline pollutant loading as calculated through the RAA}$$

$$\text{WLA} = \text{The population-based wasteload allocation}$$

The TMDL population-based wasteload allocations for Contra Costa County is provided Table 2.

**Table 2: TMDL Population-Based Wasteload Allocations for Contra Costa County**

Stormwater Improvement Goal	Mercury (kg/yr)	PCBs (kg/yr)
Contra Costa County	11	0.3

Per the equation above, the revised load reduction goal for Contra Costa County is 1.287 kg/yr.

#### MRP Load Reduction through GI by 2040

The PCBs load reduction required to be achieved through GI by 2040 (i.e., 3 kg/yr MRP area-wide or 0.5 kg/yr for Contra Costa County) should be adjusted to reflect the RAA-calculated baseline load (i.e., 1.581 kg/yr). The MRP load reduction requirement for GI for all permittees (3 kg/yr) represents 20.8% of the overall required TMDL load reduction. Therefore, the adjusted countywide load reduction through GI can be calculated as:

$$LR_{\text{MRP, GI, 2040}} = LR_{\text{goal}} * 20.8\%$$

The adjusted countywide PCBs load reduction goal through GI by 2040 was calculated to be 0.268 kg/yr.

### 2.4 Finalize GIS Inputs for Existing and Future Redevelopment

New development and redevelopment projects completed between 2003 – 2018 were compiled from the existing AGOL project data entered by the Permittees into their respective AGOL C.3 Tracking Tool databases.

UrbanSim redevelopment projections for 2020, 2030, and 2040, as confirmed or revised by the Permittees, were used to model future C.3 projects. The UrbanSim projections for 2020 only included parcels that were predicted to be redeveloped from 2019 – 2020.

## 2.5 Develop Countywide Attainment Scenario

The 2040 PCBs load reduction goal for the Countywide Attainment scenario is calculated as the countywide load reduction goal (0.268 kg/yr) minus the load reduced by the current, projected private, and planned CIP/public retrofit GI projects through 2040. Table 3 indicates the remaining load reduction target for 2040 is approximately 56 grams per year.

**Table 3: Load Reduction Goal for Contra Costa Countywide Attainment Scenario**

PCBs 2040 Load Reduction Goal (kg/yr)	PCBs Load Reduction Achieved by Public and Private GI 2003 -2020 (kg/yr)	Projected PCBs Load Reduction Achieved by Public and Private GI 2003 - 2030 (kg/yr)	Projected PCBs Load Reduction Achieved by Public and Private GI 2003 - 2040 (kg/yr)	Load Reduction Target for Public GI by 2040 PCBs (kg/yr)
0.268	0.120	0.158	0.235	0.033

The baseline model produces a PCBs and mercury “load production” GIS layer that estimates the load corresponding with each parcel and ROW segment within the county (note that individual parcel loadings are representative of the ‘average tendency’ of loading for similar parcels). This “load production” layer was combined in GIS with the public retrofit project opportunities (parcels, regional project drainage areas, and ROW segments) listed in the CCW SWRP to estimate the potential load reduced by each project opportunity, assuming standard bioretention treatment.

## 3. COUNTYWIDE ATTAINMENT SCENARIO RESULTS

The modeled load reduction associated with each project opportunity from the CCW SWRP that is not included as a planned GI project in a Permittee’s GI Plan are listed in the table included in Attachment 1. This table only includes those projects achieving at least 0.01 grams of PCBs load reduction per year, based on the model output. For each project opportunity, the total area and impervious area treated<sup>4</sup>, baseline PCBs yield, and PCBs loads reduced are presented.

<sup>4</sup> The SWRP did not include delineation of actual off-site tributary drainage areas for the regional project opportunities. Therefore, the pollutant load reduction for these projects was calculated for this Countywide Attainment scenario using the project opportunity parcel area only and the estimated load reduction is less than it would be for the full tributary area.

To achieve the load reduction goal through additional public GI projects by 2040 of 33 grams per year would require treating, at a minimum, 189 acres of the highest-PCBs-yield project area in 90 projects across the county (pending feasibility evaluations, and requiring implementation primarily focused in a few Permittee jurisdictions) and would require much more area and projects using less-load-reducing projects.

#### 4. COUNTYWIDE ATTAINMENT STRATEGY

To allow for the most efficient implementation of GI to achieve the MRP-stipulated load reduction goal, some Contra Costa Permittees have been actively investigating ways that communities without opportunities to reduce PCBs via GI might potentially fund GI projects in communities that do have such opportunities. This has included consideration of funding streams derived from new developments (for example, in-lieu fees charged when only a portion of on-site C.3 compliance is achieved). However, the legal and administrative requirements are complex, would require considerable effort to resolve, and may not ultimately be resolvable.

The Permittees will continue to consider how to balance the goals of efficient PCBs load reduction via GI (which has been demonstrated to be highly location-specific, and not obtainable by all Permittees) versus the other benefits of GI. This consideration will include participation, with Water Board staff, in ongoing discussions of GI and PCBs load reduction requirements that may be included in MRP 3.0. The Permittees, collectively, will also consider the outcomes of these discussions when preparing the “reasonable assurance analysis to demonstrate quantitatively that PCBs reductions of 3 kg/year will be realized by 2040 through implementation of green infrastructure projects,” which is due in September 2020 as specified in Provision C.12.iii.(3).

Because resources are limited, there will ultimately be trade-offs between the goals of PCBs load reduction via GI versus the other benefits of GI. In the majority of Contra Costa communities, which have few or no locations where PCB loads could be efficiently reduced via GI, the pursuit of a potential Countywide Attainment Strategy would require trade-offs, including minimizing the opportunities to build community engagement and local support for GI. A similar trade-off exists within the communities that do have locations where PCBs loads could be efficiently reduced via GI, as the highest-ranked load-reduction locations rarely coincide with locations where other benefits to the community would be maximized.

#### 5. REFERENCES

Bay Area Stormwater Management Agencies Association (BASMAA), 2017. Bay Area Reasonable Assurance Analysis Guidance Document. Prepared by Geosyntec Consultants and Paradigm Environmental for BASMAA. June 30, 2017.



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Contra Costa Clean Water Program (CCCWP), 2018. Quantitative Relationship Between Green Infrastructure Implementation and PCBs/Mercury Load Reductions. Prepared by Geosyntec Consultants for the CCCWP. August 22, 2018.

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Attachment 1  
Countywide Attainment Scenario  
Load Reduction Results Table

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Clayton	2	ROW 4341	ROW Opportunity	26.22	17.29	47%	0.001	0.072
Clayton	2	Parcel 283666	Parcel-Based Opportunity	6.77	2.04	30%	0.002	0.034
Clayton	2	ROW 3872	ROW Opportunity	2.82	1.25	44%	0.003	0.026
Clayton	2	ROW 11618	ROW Opportunity	1.61	0.77	48%	0.004	0.022
Clayton	2	ROW 5783	ROW Opportunity	1.29	0.56	43%	0.005	0.021
Clayton	2	ROW 12947	ROW Opportunity	1.05	0.43	41%	0.004	0.017
Clayton	2	ROW 11934	ROW Opportunity	10.54	5.01	48%	0.001	0.015
Clayton	2	ROW 13056	ROW Opportunity	8.81	3.84	44%	0.001	0.014
Clayton	2	ROW 13758	ROW Opportunity	5.93	1.49	25%	0.001	0.012
Clayton	2	ROW 13231	ROW Opportunity	0.44	0.23	52%	0.006	0.010
Clayton	2	ROW 19397	ROW Opportunity	5.73	2.58	45%	0.001	0.010
Clayton	2	Parcel 283215	Parcel-Based Opportunity	7.37	3.04	41%	0.001	0.010
Concord	2	Parcel 376303	Parcel-Based Opportunity	494.22	25.30	5%	0.004	8.822
Concord	2	Parcel 376306	Parcel-Based Opportunity	208.83	10.65	5%	0.004	3.719
Concord	2	Parcel 177920	Parcel-Based Opportunity	18.60	14.13	76%	0.041	3.276
Concord	2	Parcel 324333	Parcel-Based Opportunity	163.95	8.57	5%	0.003	1.752
Concord	2	ROW 16900	ROW Opportunity	20.40	9.18	45%	0.016	1.300
Concord	2	ROW 21618	ROW Opportunity	37.07	24.40	66%	0.008	1.039
Concord	2	Parcel 184135	Parcel-Based Opportunity	5.35	3.96	74%	0.041	0.920
Concord	2	ROW 21616	ROW Opportunity	27.30	18.24	67%	0.008	0.799
Concord	2	ROW 1201	ROW Opportunity	20.61	13.29	64%	0.010	0.755
Concord	2	Parcel 244879	Parcel-Based Opportunity	66.94	3.41	5%	0.003	0.722
Concord	2	Parcel 192657	Parcel-Based Opportunity	5.89	3.00	51%	0.029	0.722
Concord	2	ROW 5707	ROW Opportunity	18.71	11.09	59%	0.009	0.650
Concord	2	ROW 17557	ROW Opportunity	5.80	3.71	64%	0.023	0.558
Concord	2	ROW 1712	ROW Opportunity	12.97	8.30	64%	0.010	0.500
Concord	2	ROW 7508	ROW Opportunity	5.32	3.73	70%	0.021	0.454
Concord	2	ROW 4583	ROW Opportunity	4.46	3.26	73%	0.024	0.437
Concord	2	ROW 20084	ROW Opportunity	2.97	2.10	71%	0.027	0.331
Concord	2	ROW 5817	ROW Opportunity	3.19	2.16	68%	0.023	0.295
Concord	2	Parcel 338478	Parcel-Based Opportunity	38.88	1.98	5%	0.002	0.292
Concord	2	ROW 19024	ROW Opportunity	2.48	1.34	54%	0.028	0.291
Concord	2	Parcel 191035	Regional Opportunity	2.32	1.16	50%	0.028	0.278
Concord	2	ROW 8864	ROW Opportunity	1.38	0.97	70%	0.037	0.214
Concord	2	ROW 5806	ROW Opportunity	7.28	4.91	67%	0.008	0.213
Concord	2	ROW 15327	ROW Opportunity	31.55	17.19	54%	0.002	0.211
Concord	2	ROW 4439	ROW Opportunity	1.89	1.36	72%	0.026	0.205
Concord	2	ROW 7624	ROW Opportunity	6.85	4.66	68%	0.008	0.204
Concord	2	ROW 9455	ROW Opportunity	4.16	2.79	67%	0.012	0.190
Concord	2	ROW 3954	ROW Opportunity	1.94	1.42	73%	0.024	0.185
Concord	2	ROW 21113	ROW Opportunity	48.14	24.36	51%	0.002	0.182
Concord	2	Parcel 186608	Regional Opportunity	1.06	0.73	69%	0.038	0.171
Concord	2	ROW 8938	ROW Opportunity	1.26	1.03	82%	0.032	0.169
Concord	2	Parcel 229694	Parcel-Based Opportunity	6.43	3.65	57%	0.007	0.166
Concord	2	Parcel 235175	Parcel-Based Opportunity	6.15	3.59	58%	0.007	0.160
Concord	2	ROW 2934	ROW Opportunity	5.33	3.63	68%	0.008	0.159
Concord	2	ROW 12379	ROW Opportunity	5.60	3.63	65%	0.008	0.157
Concord	2	ROW 7623	ROW Opportunity	1.90	1.39	73%	0.020	0.155
Concord	2	Parcel 205735	Parcel-Based Opportunity	4.42	3.53	80%	0.010	0.154
Concord	2	Parcel 198247	Parcel-Based Opportunity	5.13	3.94	77%	0.009	0.153
Concord	2	ROW 4349	ROW Opportunity	1.39	1.03	74%	0.025	0.141
Concord	2	ROW 11894	ROW Opportunity	16.04	9.24	58%	0.003	0.139
Concord	2	ROW 10734	ROW Opportunity	2.73	1.85	68%	0.013	0.136
Concord	2	ROW 19586	ROW Opportunity	32.40	16.40	51%	0.002	0.136
Concord	2	ROW 11140	ROW Opportunity	0.69	0.57	83%	0.045	0.132
Concord	2	ROW 4621	ROW Opportunity	21.49	10.65	50%	0.002	0.130
Concord	2	Parcel 240615	Parcel-Based Opportunity	14.13	8.79	62%	0.003	0.122
Concord	2	Parcel 242414	Parcel-Based Opportunity	4.67	2.72	58%	0.007	0.121
Concord	2	ROW 16782	ROW Opportunity	10.40	5.35	51%	0.004	0.119
Concord	2	ROW 10221	ROW Opportunity	14.29	7.61	53%	0.003	0.118
Concord	2	ROW 14417	ROW Opportunity	7.27	4.56	63%	0.005	0.113
Concord	2	ROW 20964	ROW Opportunity	9.96	4.91	49%	0.004	0.112
Concord	2	ROW 17558	ROW Opportunity	0.91	0.61	67%	0.029	0.109
Concord	2	ROW 14842	ROW Opportunity	15.90	7.68	48%	0.002	0.108
Concord	2	Parcel 232269	Parcel-Based Opportunity	3.76	2.45	65%	0.008	0.108
Concord	2	ROW 4342	ROW Opportunity	43.01	22.81	53%	0.001	0.106
Concord	2	ROW 545	ROW Opportunity	12.27	5.54	45%	0.003	0.106
Concord	2	ROW 1200	ROW Opportunity	9.75	5.67	58%	0.004	0.105
Concord	2	ROW 21494	ROW Opportunity	29.51	15.04	51%	0.001	0.101
Concord	2	Parcel 203140	Parcel-Based Opportunity	3.46	2.29	66%	0.008	0.100
Concord	2	ROW 18045	ROW Opportunity	13.09	7.24	55%	0.003	0.099
Concord	2	ROW 14001	ROW Opportunity	12.47	6.86	55%	0.003	0.094
Concord	2	ROW 8159	ROW Opportunity	9.23	5.02	54%	0.003	0.094
Concord	2	ROW 12852	ROW Opportunity	22.99	12.35	54%	0.002	0.092
Concord	2	ROW 12856	ROW Opportunity	2.03	1.22	60%	0.011	0.088
Concord	2	ROW 4608	ROW Opportunity	4.23	2.67	63%	0.006	0.084
Concord	2	ROW 7622	ROW Opportunity	1.50	1.10	73%	0.015	0.084
Concord	2	ROW 1470	ROW Opportunity	1.70	1.14	67%	0.013	0.081
Concord	2	ROW 4619	ROW Opportunity	13.13	6.40	49%	0.002	0.076
Concord	2	ROW 8157	ROW Opportunity	13.11	7.08	54%	0.002	0.076
Concord	2	Parcel 247239	Regional Opportunity	2.44	1.71	70%	0.009	0.076
Concord	2	ROW 6819	ROW Opportunity	1.92	1.26	66%	0.011	0.075
Concord	2	Parcel 144216	Parcel-Based Opportunity	40.90	18.50	45%	0.001	0.074
Concord	2	ROW 4618	ROW Opportunity	18.26	9.24	51%	0.002	0.073
Concord	2	Parcel 231090	Parcel-Based Opportunity	3.71	1.58	43%	0.006	0.073
Concord	2	Parcel 206355	Regional Opportunity	2.18	1.80	83%	0.010	0.073
Concord	2	ROW 1577	ROW Opportunity	2.98	1.51	51%	0.007	0.071
Concord	2	ROW 13705	ROW Opportunity	11.05	5.52	50%	0.002	0.071
Concord	2	ROW 4609	ROW Opportunity	1.62	1.09	67%	0.011	0.067
Concord	2	Parcel 192425	Parcel-Based Opportunity	0.48	0.28	58%	0.033	0.067
Concord	2	ROW 1474	ROW Opportunity	7.02	3.51	50%	0.003	0.066
Concord	2	Parcel 291299	Parcel-Based Opportunity	40.01	16.11	40%	0.001	0.066
Concord	2	ROW 20692	ROW Opportunity	4.78	2.17	45%	0.004	0.064
Concord	2	ROW 5673	ROW Opportunity	11.65	5.87	50%	0.002	0.063

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Concord	2	ROW 4514	ROW Opportunity	4.22	2.32	55%	0.005	0.062
Concord	2	ROW 15146	ROW Opportunity	4.67	2.45	52%	0.004	0.059
Concord	2	ROW 12217	ROW Opportunity	9.08	4.78	53%	0.002	0.058
Concord	2	ROW 21132	ROW Opportunity	2.04	1.36	67%	0.008	0.058
Concord	2	ROW 11820	ROW Opportunity	2.06	1.02	50%	0.008	0.057
Concord	2	Parcel 214703	Parcel-Based Opportunity	3.81	1.22	32%	0.004	0.057
Concord	2	ROW 6785	ROW Opportunity	2.52	1.66	66%	0.007	0.056
Concord	2	Parcel 190759	Regional Opportunity	1.26	1.11	88%	0.012	0.055
Concord	2	Parcel 376302	Parcel-Based Opportunity	42.06	12.85	31%	0.001	0.054
Concord	2	Parcel 251412	Parcel-Based Opportunity	3.12	1.06	34%	0.005	0.054
Concord	2	ROW 4137	ROW Opportunity	7.10	3.61	51%	0.003	0.053
Concord	2	ROW 13078	ROW Opportunity	4.96	2.60	52%	0.003	0.052
Concord	2	ROW 9759	ROW Opportunity	1.82	1.20	66%	0.008	0.051
Concord	2	ROW 13704	ROW Opportunity	9.77	5.13	53%	0.002	0.050
Concord	2	ROW 5392	ROW Opportunity	0.92	0.65	71%	0.014	0.050
Concord	2	ROW 4966	ROW Opportunity	6.49	2.88	44%	0.003	0.049
Concord	2	ROW 20635	ROW Opportunity	5.04	2.60	52%	0.003	0.048
Concord	2	planned 203	Planned Creek/Marsh Restoration	131.53	18.22	14%	0.000	0.048
Concord	2	Parcel 290823	Regional Opportunity	1.29	1.10	85%	0.010	0.048
Concord	2	ROW 7731	ROW Opportunity	2.11	1.48	70%	0.007	0.047
Concord	2	Parcel 214282	Parcel-Based Opportunity	30.73	11.51	37%	0.001	0.047
Concord	2	ROW 1445	ROW Opportunity	15.65	7.47	48%	0.001	0.044
Concord	2	ROW 6856	ROW Opportunity	15.51	7.43	48%	0.001	0.044
Concord	2	Parcel 233711	Regional Opportunity	1.41	1.00	71%	0.009	0.044
Concord	2	ROW 12679	ROW Opportunity	7.36	3.68	50%	0.002	0.043
Concord	2	ROW 4968	ROW Opportunity	15.10	7.32	48%	0.001	0.043
Concord	2	ROW 13077	ROW Opportunity	6.74	3.68	55%	0.002	0.042
Concord	2	ROW 14213	ROW Opportunity	3.96	2.09	53%	0.004	0.042
Concord	2	ROW 2389	ROW Opportunity	7.58	3.81	50%	0.002	0.041
Concord	2	ROW 9299	ROW Opportunity	2.01	1.31	65%	0.006	0.040
Concord	2	ROW 19589	ROW Opportunity	1.50	0.88	59%	0.007	0.039
Concord	2	ROW 20799	ROW Opportunity	9.69	4.87	50%	0.002	0.039
Concord	2	ROW 8514	ROW Opportunity	2.14	1.69	79%	0.006	0.039
Concord	2	ROW 8633	ROW Opportunity	2.16	1.19	55%	0.005	0.038
Concord	2	ROW 1496	ROW Opportunity	9.68	4.76	49%	0.002	0.037
Concord	2	Parcel 206674	Regional Opportunity	1.53	0.90	59%	0.007	0.037
Concord	2	ROW 11474	ROW Opportunity	13.96	6.70	48%	0.001	0.036
Concord	2	ROW 2707	ROW Opportunity	3.07	1.72	56%	0.004	0.036
Concord	2	ROW 19429	ROW Opportunity	2.86	1.57	55%	0.004	0.035
Concord	2	ROW 7830	ROW Opportunity	5.91	2.96	50%	0.002	0.035
Concord	2	ROW 8405	ROW Opportunity	0.88	0.57	65%	0.011	0.035
Concord	2	ROW 15145	ROW Opportunity	3.60	1.90	53%	0.003	0.034
Concord	2	ROW 14485	ROW Opportunity	3.31	1.63	49%	0.003	0.034
Concord	2	ROW 8996	ROW Opportunity	1.59	0.86	54%	0.006	0.033
Concord	2	ROW 10594	ROW Opportunity	12.05	5.90	49%	0.001	0.032
Concord	2	ROW 14712	ROW Opportunity	2.42	1.43	59%	0.004	0.032
Concord	2	ROW 19358	ROW Opportunity	10.05	5.04	50%	0.001	0.032
Concord	2	ROW 19557	ROW Opportunity	0.29	0.17	59%	0.026	0.032
Concord	2	ROW 3955	ROW Opportunity	3.56	1.78	50%	0.003	0.032
Concord	2	Parcel 143398	Parcel-Based Opportunity	17.79	8.05	45%	0.001	0.032
Concord	2	ROW 12567	ROW Opportunity	14.87	7.28	49%	0.001	0.030
Concord	2	ROW 13167	ROW Opportunity	11.13	5.31	48%	0.001	0.030
Concord	2	ROW 18933	ROW Opportunity	1.85	1.04	56%	0.005	0.030
Concord	2	ROW 7347	ROW Opportunity	1.22	0.93	76%	0.007	0.030
Concord	2	planned 422	Planned Unlined Bioretention	2.14	1.20	56%	0.004	0.030
Concord	2	ROW 12422	ROW Opportunity	2.70	1.38	51%	0.004	0.029
Concord	2	ROW 9241	ROW Opportunity	1.67	0.80	48%	0.005	0.029
Concord	2	Parcel 189589	Regional Opportunity	1.31	0.64	49%	0.006	0.029
Concord	2	ROW 13981	ROW Opportunity	3.75	1.83	49%	0.002	0.028
Concord	2	ROW 330	ROW Opportunity	7.40	3.68	50%	0.002	0.028
Concord	2	ROW 4033	ROW Opportunity	3.71	1.78	48%	0.003	0.028
Concord	2	Parcel 215855	Regional Opportunity	1.37	0.61	45%	0.006	0.028
Concord	2	ROW 14000	ROW Opportunity	1.10	0.63	57%	0.007	0.027
Concord	2	ROW 9635	ROW Opportunity	3.66	1.68	46%	0.003	0.027
Concord	2	Parcel 231516	Regional Opportunity	1.44	0.59	41%	0.005	0.027
Concord	2	ROW 11942	ROW Opportunity	2.12	1.16	55%	0.004	0.026
Concord	2	ROW 14482	ROW Opportunity	2.43	1.00	41%	0.003	0.026
Concord	2	ROW 15994	ROW Opportunity	7.13	3.36	47%	0.001	0.026
Concord	2	ROW 16608	ROW Opportunity	10.91	5.23	48%	0.001	0.026
Concord	2	ROW 1867	ROW Opportunity	3.65	1.92	53%	0.003	0.026
Concord	2	ROW 2690	ROW Opportunity	4.41	2.49	56%	0.002	0.026
Concord	2	ROW 4136	ROW Opportunity	3.43	1.60	47%	0.003	0.026
Concord	2	ROW 6347	ROW Opportunity	1.81	0.91	50%	0.004	0.026
Concord	2	ROW 1535	ROW Opportunity	3.62	2.07	57%	0.002	0.025
Concord	2	ROW 15747	ROW Opportunity	1.16	0.75	65%	0.006	0.025
Concord	2	ROW 16947	ROW Opportunity	13.34	6.33	47%	0.001	0.025
Concord	2	ROW 663	ROW Opportunity	3.78	1.89	50%	0.002	0.025
Concord	2	Parcel 208247	Regional Opportunity	0.79	0.57	72%	0.009	0.025
Concord	2	ROW 7875	ROW Opportunity	8.98	4.45	50%	0.001	0.024
Concord	2	ROW 18838	ROW Opportunity	1.39	0.79	57%	0.005	0.024
Concord	2	ROW 18934	ROW Opportunity	1.22	0.76	62%	0.006	0.024
Concord	2	ROW 20559	ROW Opportunity	10.08	4.59	46%	0.001	0.024
Concord	2	ROW 20591	ROW Opportunity	5.62	3.00	53%	0.002	0.024
Concord	2	ROW 21160	ROW Opportunity	12.09	5.95	49%	0.001	0.024
Concord	2	ROW 9740	ROW Opportunity	9.01	4.21	47%	0.001	0.024
Concord	2	Parcel 228202	Regional Opportunity	0.75	0.54	72%	0.009	0.024
Concord	2	ROW 12595	ROW Opportunity	1.04	0.64	62%	0.006	0.023
Concord	2	ROW 1269	ROW Opportunity	3.07	1.61	52%	0.003	0.023
Concord	2	ROW 15782	ROW Opportunity	1.11	0.70	63%	0.006	0.023
Concord	2	ROW 19980	ROW Opportunity	1.29	0.65	50%	0.005	0.023
Concord	2	ROW 20290	ROW Opportunity	2.46	1.49	61%	0.003	0.023
Concord	2	ROW 20752	ROW Opportunity	2.19	1.61	74%	0.004	0.023
Concord	2	ROW 7581	ROW Opportunity	1.16	0.71	61%	0.006	0.023
Concord	2	ROW 8121	ROW Opportunity	8.21	3.76	46%	0.001	0.023

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Concord	2	Parcel 214996	Parcel-Based Opportunity	8.68	5.91	68%	0.001	0.023
Concord	2	ROW 1178	ROW Opportunity	4.47	2.20	49%	0.002	0.022
Concord	2	ROW 686	ROW Opportunity	3.00	1.51	50%	0.003	0.022
Concord	2	ROW 7635	ROW Opportunity	2.74	1.32	48%	0.003	0.022
Concord	2	planned 421	Planned Unlined Bioretention	2.87	1.58	55%	0.003	0.022
Concord	2	Parcel 231203	Parcel-Based Opportunity	14.55	5.28	36%	0.001	0.022
Concord	2	Parcel 196927	Regional Opportunity	0.93	0.65	70%	0.007	0.022
Concord	2	Parcel 140573	Parcel-Based Opportunity	9.15	5.56	61%	0.001	0.022
Concord	2	ROW 1480	ROW Opportunity	1.83	1.01	55%	0.004	0.021
Concord	2	ROW 231	ROW Opportunity	1.44	0.80	56%	0.004	0.021
Concord	2	ROW 6904	ROW Opportunity	8.33	3.99	48%	0.001	0.021
Concord	2	Parcel 148570	Parcel-Based Opportunity	10.29	5.19	50%	0.001	0.021
Concord	2	ROW 2388	ROW Opportunity	5.15	2.44	47%	0.002	0.020
Concord	2	ROW 272	ROW Opportunity	3.17	1.68	53%	0.002	0.020
Concord	2	ROW 4353	ROW Opportunity	9.22	4.47	48%	0.001	0.020
Concord	2	ROW 5431	ROW Opportunity	11.51	5.65	49%	0.001	0.020
Concord	2	ROW 6270	ROW Opportunity	10.98	5.38	49%	0.001	0.020
Concord	2	ROW 6428	ROW Opportunity	3.11	1.75	56%	0.002	0.020
Concord	2	ROW 7665	ROW Opportunity	4.31	2.22	52%	0.002	0.020
Concord	2	Parcel 282436	Parcel-Based Opportunity	11.78	4.88	41%	0.001	0.020
Concord	2	Parcel 298561	Parcel-Based Opportunity	38.95	5.79	15%	0.000	0.020
Concord	2	ROW 12020	ROW Opportunity	4.76	2.29	48%	0.002	0.019
Concord	2	ROW 12340	ROW Opportunity	8.43	4.07	48%	0.001	0.019
Concord	2	ROW 12594	ROW Opportunity	0.92	0.55	60%	0.006	0.019
Concord	2	ROW 16428	ROW Opportunity	8.29	3.98	48%	0.001	0.019
Concord	2	ROW 3778	ROW Opportunity	1.34	0.88	66%	0.005	0.019
Concord	2	ROW 472	ROW Opportunity	0.82	0.45	55%	0.007	0.019
Concord	2	Parcel 220285	Parcel-Based Opportunity	9.96	4.72	47%	0.001	0.019
Concord	2	ROW 16285	ROW Opportunity	4.76	2.23	47%	0.002	0.018
Concord	2	ROW 17122	ROW Opportunity	7.41	3.30	45%	0.001	0.018
Concord	2	ROW 4335	ROW Opportunity	9.00	4.52	50%	0.001	0.018
Concord	2	ROW 4354	ROW Opportunity	4.55	2.23	49%	0.002	0.018
Concord	2	ROW 6786	ROW Opportunity	0.62	0.41	66%	0.008	0.018
Concord	2	Parcel 209956	Regional Opportunity	0.66	0.42	64%	0.008	0.018
Concord	2	Parcel 202503	Parcel-Based Opportunity	5.94	4.60	77%	0.001	0.018
Concord	2	Parcel 186686	Regional Opportunity	0.75	0.45	60%	0.007	0.018
Concord	2	ROW 13364	ROW Opportunity	9.62	4.24	44%	0.001	0.017
Concord	2	ROW 13763	ROW Opportunity	1.83	1.14	62%	0.003	0.017
Concord	2	ROW 14442	ROW Opportunity	1.54	0.81	53%	0.004	0.017
Concord	2	ROW 17045	ROW Opportunity	8.58	4.24	49%	0.001	0.017
Concord	2	ROW 18989	ROW Opportunity	1.44	0.71	49%	0.004	0.017
Concord	2	ROW 4337	ROW Opportunity	8.58	4.26	50%	0.001	0.017
Concord	2	ROW 5444	ROW Opportunity	7.67	3.18	41%	0.001	0.017
Concord	2	ROW 5808	ROW Opportunity	1.41	0.85	60%	0.004	0.017
Concord	2	ROW 7088	ROW Opportunity	5.53	2.70	49%	0.001	0.017
Concord	2	ROW 8374	ROW Opportunity	6.24	2.74	44%	0.001	0.017
Concord	2	Parcel 238207	Parcel-Based Opportunity	9.03	4.20	47%	0.001	0.017
Concord	2	Parcel 204041	Parcel-Based Opportunity	0.49	0.42	86%	0.010	0.017
Concord	2	Parcel 288737	Regional Opportunity	0.93	0.40	43%	0.005	0.017
Concord	2	Parcel 166238	Parcel-Based Opportunity	7.81	3.85	49%	0.001	0.017
Concord	2	Parcel 167541	Regional Opportunity	0.73	0.37	51%	0.006	0.017
Concord	2	ROW 18426	ROW Opportunity	5.82	3.22	55%	0.001	0.016
Concord	2	ROW 11295	ROW Opportunity	1.02	0.63	62%	0.005	0.016
Concord	2	ROW 13815	ROW Opportunity	4.98	2.54	51%	0.001	0.016
Concord	2	ROW 14488	ROW Opportunity	2.78	1.40	50%	0.002	0.016
Concord	2	ROW 16235	ROW Opportunity	4.82	2.25	47%	0.001	0.016
Concord	2	ROW 19300	ROW Opportunity	6.58	3.21	49%	0.001	0.016
Concord	2	ROW 3418	ROW Opportunity	8.49	3.91	46%	0.001	0.016
Concord	2	ROW 6349	ROW Opportunity	6.66	3.55	53%	0.001	0.016
Concord	2	Parcel 231117	Parcel-Based Opportunity	9.30	3.93	42%	0.001	0.016
Concord	2	Parcel 209201	Regional Opportunity	0.96	0.35	38%	0.005	0.016
Concord	2	Parcel 189945	Parcel-Based Opportunity	9.41	4.05	43%	0.001	0.016
Concord	2	ROW 10926	ROW Opportunity	8.71	4.01	46%	0.001	0.015
Concord	2	ROW 12001	ROW Opportunity	6.33	4.11	65%	0.001	0.015
Concord	2	ROW 12464	ROW Opportunity	6.99	3.40	49%	0.001	0.015
Concord	2	ROW 14169	ROW Opportunity	7.12	3.63	51%	0.001	0.015
Concord	2	ROW 14214	ROW Opportunity	1.27	0.73	57%	0.004	0.015
Concord	2	ROW 14589	ROW Opportunity	8.26	3.76	46%	0.001	0.015
Concord	2	ROW 15996	ROW Opportunity	1.51	0.82	54%	0.003	0.015
Concord	2	ROW 16812	ROW Opportunity	3.85	1.82	47%	0.002	0.015
Concord	2	ROW 16832	ROW Opportunity	4.69	2.13	45%	0.001	0.015
Concord	2	ROW 19307	ROW Opportunity	5.38	3.83	71%	0.001	0.015
Concord	2	ROW 21441	ROW Opportunity	7.99	3.70	46%	0.001	0.015
Concord	2	ROW 4958	ROW Opportunity	5.71	2.74	48%	0.001	0.015
Concord	2	ROW 5672	ROW Opportunity	2.80	1.35	48%	0.002	0.015
Concord	2	ROW 7089	ROW Opportunity	5.57	2.70	48%	0.001	0.015
Concord	2	ROW 9096	ROW Opportunity	7.26	3.76	52%	0.001	0.015
Concord	2	Parcel 200676	Parcel-Based Opportunity	5.03	3.86	77%	0.001	0.015
Concord	2	Parcel 193540	Parcel-Based Opportunity	7.39	3.59	49%	0.001	0.015
Concord	2	Parcel 228429	Parcel-Based Opportunity	8.15	3.64	45%	0.001	0.015
Concord	2	Parcel 211022	Parcel-Based Opportunity	7.84	3.86	49%	0.001	0.015
Concord	2	Parcel 210557	Regional Opportunity	0.59	0.34	58%	0.007	0.015
Concord	2	Parcel 149994	Parcel-Based Opportunity	10.00	3.69	37%	0.001	0.015
Concord	2	ROW 10430	ROW Opportunity	3.97	1.89	48%	0.001	0.014
Concord	2	ROW 11163	ROW Opportunity	0.60	0.49	82%	0.007	0.014
Concord	2	ROW 11347	ROW Opportunity	7.18	3.36	47%	0.001	0.014
Concord	2	ROW 13157	ROW Opportunity	10.52	4.40	42%	0.001	0.014
Concord	2	ROW 15822	ROW Opportunity	4.36	2.16	50%	0.001	0.014
Concord	2	ROW 17904	ROW Opportunity	2.21	1.14	52%	0.002	0.014
Concord	2	ROW 19257	ROW Opportunity	4.31	3.48	81%	0.001	0.014
Concord	2	ROW 5809	ROW Opportunity	0.74	0.49	66%	0.006	0.014
Concord	2	ROW 9449	ROW Opportunity	5.91	2.94	50%	0.001	0.014
Concord	2	planned 423	Planned Unlined Bioretention	0.45	0.32	71%	0.009	0.014
Concord	2	Parcel 212241	Parcel-Based Opportunity	10.42	3.26	31%	0.001	0.014

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Concord	2	Parcel 306186	Regional Opportunity	9.66	3.42	35%	0.001	0.014
Concord	2	Parcel 205796	Regional Opportunity	0.51	0.35	69%	0.008	0.014
Concord	2	Parcel 198111	Regional Opportunity	1.88	0.30	16%	0.003	0.014
Concord	2	Parcel 245777	Regional Opportunity	0.52	0.31	60%	0.008	0.014
Concord	2	ROW 13215	ROW Opportunity	10.87	4.95	46%	0.000	0.013
Concord	2	ROW 15854	ROW Opportunity	6.90	3.41	49%	0.001	0.013
Concord	2	ROW 3470	ROW Opportunity	3.85	1.96	51%	0.001	0.013
Concord	2	ROW 425	ROW Opportunity	3.93	1.83	47%	0.001	0.013
Concord	2	ROW 6675	ROW Opportunity	3.24	1.53	47%	0.002	0.013
Concord	2	ROW 9266	ROW Opportunity	3.06	1.20	39%	0.002	0.013
Concord	2	ROW 9426	ROW Opportunity	0.94	0.51	54%	0.004	0.013
Concord	2	Parcel 202662	Parcel-Based Opportunity	4.54	3.47	76%	0.001	0.013
Concord	2	Parcel 207366	Parcel-Based Opportunity	0.44	0.35	80%	0.009	0.013
Concord	2	Parcel 283640	Parcel-Based Opportunity	8.85	3.17	36%	0.001	0.013
Concord	2	Parcel 198956	Regional Opportunity	1.88	0.31	16%	0.002	0.013
Concord	2	Parcel 200446	Regional Opportunity	1.06	0.59	56%	0.004	0.013
Concord	2	Parcel 172659	Parcel-Based Opportunity	8.26	3.21	39%	0.001	0.013
Concord	2	Parcel 176235	Parcel-Based Opportunity	0.43	0.29	67%	0.009	0.013
Concord	2	Parcel 245349	Parcel-Based Opportunity	0.50	0.29	58%	0.007	0.013
Concord	2	ROW 10746	ROW Opportunity	5.86	2.84	48%	0.001	0.012
Concord	2	ROW 12239	ROW Opportunity	6.14	3.06	50%	0.001	0.012
Concord	2	ROW 12681	ROW Opportunity	6.89	3.12	45%	0.001	0.012
Concord	2	ROW 13166	ROW Opportunity	2.36	1.19	50%	0.002	0.012
Concord	2	ROW 14679	ROW Opportunity	6.33	3.08	49%	0.001	0.012
Concord	2	ROW 17761	ROW Opportunity	3.82	2.04	53%	0.001	0.012
Concord	2	ROW 18425	ROW Opportunity	2.25	1.39	62%	0.002	0.012
Concord	2	ROW 19367	ROW Opportunity	5.72	2.91	51%	0.001	0.012
Concord	2	ROW 19741	ROW Opportunity	15.61	6.71	43%	0.000	0.012
Concord	2	ROW 311	ROW Opportunity	4.66	2.30	49%	0.001	0.012
Concord	2	ROW 4967	ROW Opportunity	6.62	3.00	45%	0.001	0.012
Concord	2	ROW 7274	ROW Opportunity	5.67	2.85	50%	0.001	0.012
Concord	2	ROW 9397	ROW Opportunity	6.20	3.03	49%	0.001	0.012
Concord	2	Parcel 304455	Parcel-Based Opportunity	9.99	2.87	29%	0.001	0.012
Concord	2	ROW 1026	ROW Opportunity	6.02	2.70	45%	0.001	0.011
Concord	2	ROW 10444	ROW Opportunity	1.27	0.76	60%	0.003	0.011
Concord	2	ROW 13801	ROW Opportunity	3.61	1.92	53%	0.001	0.011
Concord	2	ROW 14604	ROW Opportunity	6.37	2.78	44%	0.001	0.011
Concord	2	ROW 15422	ROW Opportunity	3.73	1.82	49%	0.001	0.011
Concord	2	ROW 16761	ROW Opportunity	5.65	2.77	49%	0.001	0.011
Concord	2	ROW 19961	ROW Opportunity	5.36	2.71	51%	0.001	0.011
Concord	2	ROW 20887	ROW Opportunity	1.92	1.00	52%	0.002	0.011
Concord	2	ROW 2166	ROW Opportunity	4.72	3.21	68%	0.001	0.011
Concord	2	ROW 4343	ROW Opportunity	5.13	2.65	52%	0.001	0.011
Concord	2	ROW 6655	ROW Opportunity	5.76	2.88	50%	0.001	0.011
Concord	2	ROW 7547	ROW Opportunity	1.93	1.08	56%	0.002	0.011
Concord	2	ROW 840	ROW Opportunity	4.32	2.13	49%	0.001	0.011
Concord	2	ROW 9171	ROW Opportunity	5.93	2.70	46%	0.001	0.011
Concord	2	ROW 9371	ROW Opportunity	5.95	2.73	46%	0.001	0.011
Concord	2	Parcel 205395	Parcel-Based Opportunity	0.41	0.29	71%	0.008	0.011
Concord	2	ROW 10061	ROW Opportunity	4.84	2.42	50%	0.001	0.010
Concord	2	ROW 10733	ROW Opportunity	0.86	0.41	48%	0.004	0.010
Concord	2	ROW 11044	ROW Opportunity	5.41	2.45	45%	0.001	0.010
Concord	2	ROW 11477	ROW Opportunity	5.28	2.53	48%	0.001	0.010
Concord	2	ROW 12831	ROW Opportunity	4.96	2.38	48%	0.001	0.010
Concord	2	ROW 13104	ROW Opportunity	2.83	1.42	50%	0.002	0.010
Concord	2	ROW 1509	ROW Opportunity	5.06	2.54	50%	0.001	0.010
Concord	2	ROW 16114	ROW Opportunity	4.93	2.46	50%	0.001	0.010
Concord	2	ROW 17227	ROW Opportunity	3.24	2.61	81%	0.001	0.010
Concord	2	ROW 18522	ROW Opportunity	0.90	0.41	46%	0.003	0.010
Concord	2	ROW 18867	ROW Opportunity	0.57	0.30	53%	0.005	0.010
Concord	2	ROW 18875	ROW Opportunity	5.49	2.53	46%	0.001	0.010
Concord	2	ROW 1942	ROW Opportunity	5.76	2.61	45%	0.001	0.010
Concord	2	ROW 21082	ROW Opportunity	4.97	2.38	48%	0.001	0.010
Concord	2	ROW 4931	ROW Opportunity	5.95	2.64	44%	0.001	0.010
Concord	2	ROW 6969	ROW Opportunity	1.44	0.74	51%	0.003	0.010
Concord	2	ROW 7056	ROW Opportunity	5.25	2.45	47%	0.001	0.010
Concord	2	ROW 7644	ROW Opportunity	3.34	2.69	81%	0.001	0.010
Concord	2	ROW 8954	ROW Opportunity	3.65	1.80	49%	0.001	0.010
Concord	2	ROW 9917	ROW Opportunity	5.57	2.54	46%	0.001	0.010
Concord	2	Parcel 219241	Parcel-Based Opportunity	5.43	2.56	47%	0.001	0.010
Concord	2	Parcel 170641	Parcel-Based Opportunity	4.76	2.42	51%	0.001	0.010
Danville	2	ROW 16936	ROW Opportunity	26.82	15.17	57%	0.009	0.751
Danville	2	ROW 3153	ROW Opportunity	22.64	11.45	51%	0.005	0.352
Danville	2	ROW 19015	ROW Opportunity	21.59	9.08	42%	0.004	0.262
Danville	2	ROW 10363	ROW Opportunity	15.43	7.12	46%	0.006	0.253
Danville	2	ROW 8645	ROW Opportunity	6.20	3.01	49%	0.012	0.251
Danville	2	ROW 15495	ROW Opportunity	5.54	2.78	50%	0.013	0.239
Danville	2	ROW 5779	ROW Opportunity	28.86	11.93	41%	0.003	0.236
Danville	2	GIP 00587 / Parcel 5799	Parcel-Based Opportunity (aspirational)	2.40	1.78	74%	0.019	0.151
Danville	2	ROW 6494	ROW Opportunity	13.53	5.65	42%	0.003	0.123
Danville	2	ROW 7569	ROW Opportunity	4.71	1.79	38%	0.008	0.114
Danville	2	ROW 20439	ROW Opportunity	5.20	2.53	49%	0.007	0.105
Danville	2	ROW 6553	ROW Opportunity	22.66	7.42	33%	0.002	0.101
Danville	2	GIP 00586 / Parcel 5515	Parcel-Based Opportunity (aspirational)	2.95	1.12	38%	0.010	0.098
Danville	2	GIP 00584 / Parcel 5309	Parcel-Based Opportunity (aspirational)	1.65	1.09	66%	0.017	0.092
Danville	2	ROW 10751	ROW Opportunity	6.96	2.81	40%	0.005	0.088
Danville	2	Parcel 33595	Regional Opportunity	1.32	0.94	71%	0.018	0.081
Danville	2	GIP 00600	Regional Opportunity (aspirational)	1.39	0.89	64%	0.016	0.078
Danville	2	ROW 16231	ROW Opportunity	1.44	0.71	49%	0.013	0.064
Danville	2	ROW 2419	ROW Opportunity	1.41	0.74	52%	0.014	0.063
Danville	2	ROW 11030	ROW Opportunity	4.70	1.68	36%	0.005	0.062
Danville	2	GIP 00589 / Parcel 8214	Parcel-Based Opportunity (aspirational)	2.13	1.25	59%	0.009	0.061
Danville	2	ROW 15065	ROW Opportunity	3.27	1.45	44%	0.006	0.061
Danville	2	Parcel 84842	Regional Opportunity	2.50	1.28	51%	0.007	0.061

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Danville	2	ROW 8646	ROW Opportunity	1.33	0.71	53%	0.013	0.058
Danville	2	planned 56	Planned Creek/Marsh Restoration	28.05	7.45	27%	0.001	0.054
Danville	2	ROW 13678	ROW Opportunity	1.73	0.69	40%	0.009	0.051
Danville	2	ROW 6273	ROW Opportunity	1.21	0.60	50%	0.012	0.049
Danville	2	GIP 00599	Regional Opportunity (aspirational)	2.00	1.28	64%	0.007	0.048
Danville	2	GIP 00585 / Parcel 5364	Parcel-Based Opportunity (aspirational)	0.86	0.57	66%	0.016	0.047
Danville	2	ROW 7541	ROW Opportunity	4.06	1.59	39%	0.004	0.043
Danville	2	ROW 4229	ROW Opportunity	0.99	0.46	46%	0.013	0.042
Danville	2	ROW 8647	ROW Opportunity	1.24	0.61	49%	0.011	0.042
Danville	2	Parcel 5421	Regional Opportunity	0.73	0.42	58%	0.015	0.036
Danville	2	ROW 11350	ROW Opportunity	4.15	1.41	34%	0.003	0.035
Danville	2	ROW 5386	ROW Opportunity	10.48	3.17	30%	0.001	0.032
Danville	2	GIP 00590 / Parcel 10789	Parcel-Based Opportunity (aspirational)	8.03	1.22	15%	0.001	0.031
Danville	2	Parcel 5684	Regional Opportunity	0.63	0.35	56%	0.015	0.031
Danville	2	ROW 17662	ROW Opportunity	4.65	1.54	33%	0.003	0.030
Danville	2	ROW 20482	ROW Opportunity	4.31	1.27	29%	0.002	0.028
Danville	2	ROW 8243	ROW Opportunity	17.78	6.46	36%	0.001	0.028
Danville	2	ROW 1278	ROW Opportunity	2.38	1.11	47%	0.004	0.027
Danville	2	ROW 6485	ROW Opportunity	27.58	10.93	40%	0.000	0.026
Danville	2	ROW 7899	ROW Opportunity	5.60	1.66	30%	0.002	0.026
Danville	2	ROW 14380	ROW Opportunity	10.15	3.63	36%	0.001	0.025
Danville	2	ROW 2772	ROW Opportunity	8.64	2.88	33%	0.001	0.025
Danville	2	ROW 5569	ROW Opportunity	8.89	2.11	24%	0.001	0.025
Danville	2	ROW 6880	ROW Opportunity	4.97	1.50	30%	0.002	0.025
Danville	2	ROW 17254	ROW Opportunity	0.58	0.26	45%	0.012	0.024
Danville	2	ROW 3171	ROW Opportunity	9.06	3.83	42%	0.001	0.024
Danville	2	ROW 10398	ROW Opportunity	8.60	2.53	29%	0.001	0.023
Danville	2	ROW 18078	ROW Opportunity	4.08	1.19	29%	0.002	0.023
Danville	2	ROW 4663	ROW Opportunity	14.21	5.41	38%	0.001	0.023
Danville	2	ROW 6934	ROW Opportunity	7.87	2.54	32%	0.001	0.023
Danville	2	ROW 12934	ROW Opportunity	9.74	3.39	35%	0.001	0.021
Danville	2	ROW 16006	ROW Opportunity	3.00	1.95	65%	0.003	0.020
Danville	2	ROW 21104	ROW Opportunity	3.31	0.71	21%	0.002	0.020
Danville	2	ROW 13883	ROW Opportunity	5.95	1.96	33%	0.001	0.018
Danville	2	ROW 3169	ROW Opportunity	27.83	11.62	42%	0.000	0.018
Danville	2	ROW 19889	ROW Opportunity	2.38	0.83	35%	0.003	0.017
Danville	2	ROW 4459	ROW Opportunity	4.95	1.71	35%	0.001	0.017
Danville	2	ROW 6502	ROW Opportunity	3.58	1.36	38%	0.002	0.017
Danville	2	Parcel 7023	Parcel-Based Opportunity	4.47	2.08	47%	0.002	0.017
Danville	2	ROW 20045	ROW Opportunity	6.37	1.75	27%	0.001	0.016
Danville	2	ROW 7490	ROW Opportunity	5.22	2.31	44%	0.001	0.016
Danville	2	ROW 8595	ROW Opportunity	10.06	3.71	37%	0.001	0.016
Danville	2	ROW 10387	ROW Opportunity	4.17	1.86	45%	0.002	0.015
Danville	2	ROW 13940	ROW Opportunity	6.12	2.31	38%	0.001	0.015
Danville	2	Parcel 2847	Parcel-Based Opportunity	0.35	0.16	46%	0.012	0.015
Danville	2	ROW 3111	ROW Opportunity	6.77	1.67	25%	0.001	0.014
Danville	2	ROW 7016	ROW Opportunity	3.23	0.99	31%	0.002	0.014
Danville	2	Parcel 2825	Parcel-Based Opportunity	0.35	0.14	40%	0.011	0.014
Danville	2	ROW 10801	ROW Opportunity	10.16	3.65	36%	0.001	0.013
Danville	2	ROW 8639	ROW Opportunity	5.23	1.56	30%	0.001	0.013
Danville	2	ROW 12473	ROW Opportunity	2.77	0.92	33%	0.002	0.012
Danville	2	ROW 13144	ROW Opportunity	6.32	2.32	37%	0.001	0.012
Danville	2	ROW 14418	ROW Opportunity	7.93	2.81	35%	0.001	0.012
Danville	2	ROW 3170	ROW Opportunity	17.87	7.49	42%	0.000	0.012
Danville	2	ROW 8231	ROW Opportunity	3.49	1.32	38%	0.002	0.012
Danville	2	ROW 9408	ROW Opportunity	3.29	1.31	40%	0.002	0.012
Danville	2	ROW 11870	ROW Opportunity	3.31	0.88	27%	0.002	0.011
Danville	2	ROW 12945	ROW Opportunity	3.98	1.15	29%	0.001	0.011
Danville	2	ROW 3876	ROW Opportunity	2.83	1.65	58%	0.002	0.011
Danville	2	ROW 7424	ROW Opportunity	1.37	0.97	71%	0.003	0.011
Danville	2	Parcel 7198	Regional Opportunity	2.07	1.46	71%	0.003	0.011
Danville	2	Parcel 2786	Parcel-Based Opportunity	0.34	0.13	38%	0.009	0.011
Danville	2	ROW 16953	ROW Opportunity	3.02	0.93	31%	0.001	0.010
Danville	2	ROW 19866	ROW Opportunity	6.13	2.19	36%	0.001	0.010
Danville	2	ROW 2262	ROW Opportunity	4.67	1.69	36%	0.001	0.010
Danville	2	ROW 3224	ROW Opportunity	6.67	2.37	36%	0.001	0.010
Danville	2	Parcel 8521	Regional Opportunity	0.89	0.19	21%	0.003	0.010
El Cerrito	2	ROW 57	ROW Opportunity	20.16	12.24	61%	0.008	0.501
El Cerrito	2	ROW 15171	ROW Opportunity	5.98	3.48	58%	0.010	0.215
El Cerrito	2	ROW 55	ROW Opportunity	8.61	5.54	64%	0.008	0.212
El Cerrito	2	planned 99	Planned Unlined Bioretention	3.97	2.99	75%	0.011	0.152
El Cerrito	2	ROW 17243	ROW Opportunity	5.47	3.28	60%	0.007	0.129
El Cerrito	2	planned 131	Planned Unlined Bioretention	10.94	5.84	53%	0.004	0.113
El Cerrito	2	Parcel 120972	Parcel-Based Opportunity	4.68	2.01	43%	0.006	0.100
El Cerrito	2	ROW 9948	ROW Opportunity	3.37	2.16	64%	0.008	0.082
El Cerrito	2	Parcel 121635	Parcel-Based Opportunity	2.11	1.58	75%	0.010	0.071
El Cerrito	2	ROW 3506	ROW Opportunity	4.25	2.52	59%	0.006	0.070
El Cerrito	2	planned 98	Planned Unlined Bioretention	14.94	10.23	68%	0.002	0.068
El Cerrito	2	ROW 10275	ROW Opportunity	2.52	1.58	63%	0.008	0.065
El Cerrito	2	planned 122	Planned Unlined Bioretention	2.79	1.19	43%	0.006	0.060
El Cerrito	2	Parcel 120393	Parcel-Based Opportunity	2.79	1.19	43%	0.006	0.060
El Cerrito	2	ROW 9949	ROW Opportunity	8.99	5.41	60%	0.003	0.055
El Cerrito	2	ROW 6997	ROW Opportunity	2.01	1.26	63%	0.008	0.053
El Cerrito	2	ROW 20173	ROW Opportunity	1.18	0.68	58%	0.012	0.053
El Cerrito	2	ROW 3882	ROW Opportunity	7.74	4.70	61%	0.003	0.053
El Cerrito	2	ROW 5240	ROW Opportunity	14.23	7.45	52%	0.002	0.051
El Cerrito	2	ROW 12667	ROW Opportunity	7.60	4.07	54%	0.003	0.048
El Cerrito	2	ROW 15194	ROW Opportunity	2.45	1.67	68%	0.006	0.044
El Cerrito	2	Parcel 108912	Parcel-Based Opportunity	19.52	10.10	52%	0.001	0.042
El Cerrito	2	ROW 13601	ROW Opportunity	9.94	5.69	57%	0.002	0.038
El Cerrito	2	ROW 18539	ROW Opportunity	3.28	1.97	60%	0.004	0.038
El Cerrito	2	ROW 4566	ROW Opportunity	9.09	4.81	53%	0.002	0.037
El Cerrito	2	Parcel 128153	Parcel-Based Opportunity	2.55	1.76	69%	0.005	0.036
El Cerrito	2	ROW 9950	ROW Opportunity	2.05	1.31	64%	0.006	0.035

Contra Costa Countywide Attainment Strategy  
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Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
El Cerrito	2	planned 389	Planned Creek/Marsh Restoration	1.00	0.66	66%	0.011	0.035
El Cerrito	2	Parcel 133358	Regional Opportunity	1.27	0.75	59%	0.008	0.034
El Cerrito	2	ROW 13602	ROW Opportunity	7.52	4.21	56%	0.002	0.033
El Cerrito	2	ROW 11539	ROW Opportunity	0.79	0.54	68%	0.011	0.029
El Cerrito	2	ROW 13367	ROW Opportunity	8.37	4.33	52%	0.002	0.029
El Cerrito	2	ROW 2251	ROW Opportunity	4.66	2.74	59%	0.003	0.029
El Cerrito	2	ROW 3041	ROW Opportunity	1.55	0.94	61%	0.006	0.029
El Cerrito	2	ROW 6936	ROW Opportunity	9.70	5.56	57%	0.001	0.029
El Cerrito	2	ROW 1264	ROW Opportunity	6.94	3.84	55%	0.002	0.028
El Cerrito	2	Parcel 118487	Parcel-Based Opportunity	1.00	0.55	55%	0.008	0.027
El Cerrito	2	ROW 20541	ROW Opportunity	1.08	0.66	61%	0.008	0.026
El Cerrito	2	planned 89	Planned Unlined Bioretention	80.88	5.47	7%	0.000	0.026
El Cerrito	2	ROW 16009	ROW Opportunity	1.55	0.96	62%	0.005	0.025
El Cerrito	2	ROW 15096	ROW Opportunity	6.18	3.20	52%	0.002	0.024
El Cerrito	2	ROW 6938	ROW Opportunity	6.31	3.67	58%	0.002	0.024
El Cerrito	2	ROW 10958	ROW Opportunity	7.39	4.41	60%	0.001	0.023
El Cerrito	2	ROW 15895	ROW Opportunity	9.74	5.57	57%	0.001	0.023
El Cerrito	2	ROW 20026	ROW Opportunity	0.68	0.54	79%	0.010	0.023
El Cerrito	2	Parcel 129420	Parcel-Based Opportunity	9.98	5.33	53%	0.001	0.023
El Cerrito	2	Parcel 137929	Parcel-Based Opportunity	5.49	2.41	44%	0.002	0.023
El Cerrito	2	ROW 15894	ROW Opportunity	9.10	5.36	59%	0.001	0.022
El Cerrito	2	ROW 11691	ROW Opportunity	5.62	3.28	58%	0.002	0.021
El Cerrito	2	ROW 539	ROW Opportunity	6.98	3.97	57%	0.001	0.021
El Cerrito	2	ROW 20328	ROW Opportunity	4.46	2.50	56%	0.002	0.020
El Cerrito	2	ROW 3523	ROW Opportunity	5.21	2.90	56%	0.002	0.020
El Cerrito	2	ROW 10929	ROW Opportunity	5.36	3.22	60%	0.002	0.018
El Cerrito	2	ROW 11011	ROW Opportunity	4.83	2.80	58%	0.002	0.018
El Cerrito	2	ROW 14649	ROW Opportunity	0.60	0.40	67%	0.009	0.018
El Cerrito	2	ROW 10097	ROW Opportunity	6.15	3.70	60%	0.001	0.017
El Cerrito	2	ROW 15535	ROW Opportunity	4.95	2.77	56%	0.002	0.017
El Cerrito	2	ROW 20028	ROW Opportunity	0.50	0.39	78%	0.010	0.017
El Cerrito	2	ROW 20526	ROW Opportunity	4.64	2.70	58%	0.002	0.017
El Cerrito	2	ROW 6691	ROW Opportunity	7.35	4.29	58%	0.001	0.017
El Cerrito	2	ROW 6694	ROW Opportunity	6.59	3.78	57%	0.001	0.017
El Cerrito	2	ROW 16809	ROW Opportunity	4.87	2.71	56%	0.001	0.016
El Cerrito	2	ROW 6234	ROW Opportunity	1.67	0.95	57%	0.003	0.016
El Cerrito	2	ROW 6911	ROW Opportunity	3.73	2.13	57%	0.002	0.016
El Cerrito	2	ROW 6998	ROW Opportunity	2.36	1.37	58%	0.003	0.016
El Cerrito	2	planned 130	Planned Unlined Bioretention	0.45	0.37	82%	0.011	0.016
El Cerrito	2	ROW 21519	ROW Opportunity	3.43	2.17	63%	0.002	0.015
El Cerrito	2	ROW 3495	ROW Opportunity	0.56	0.36	64%	0.008	0.015
El Cerrito	2	ROW 6367	ROW Opportunity	0.63	0.42	67%	0.007	0.015
El Cerrito	2	Parcel 134601	Parcel-Based Opportunity	5.18	3.92	76%	0.001	0.015
El Cerrito	2	ROW 15196	ROW Opportunity	0.57	0.35	61%	0.007	0.014
El Cerrito	2	ROW 16545	ROW Opportunity	1.24	0.82	66%	0.004	0.014
El Cerrito	2	ROW 5254	ROW Opportunity	1.74	1.09	63%	0.003	0.014
El Cerrito	2	ROW 7864	ROW Opportunity	5.06	2.85	56%	0.001	0.014
El Cerrito	2	ROW 10955	ROW Opportunity	4.39	2.60	59%	0.001	0.013
El Cerrito	2	ROW 13600	ROW Opportunity	0.67	0.42	63%	0.006	0.013
El Cerrito	2	ROW 4340	ROW Opportunity	5.48	3.03	55%	0.001	0.013
El Cerrito	2	ROW 4650	ROW Opportunity	0.62	0.37	60%	0.007	0.013
El Cerrito	2	ROW 5917	ROW Opportunity	4.58	2.67	58%	0.001	0.013
El Cerrito	2	ROW 10802	ROW Opportunity	4.97	2.88	58%	0.001	0.012
El Cerrito	2	ROW 10953	ROW Opportunity	4.85	2.82	58%	0.001	0.012
El Cerrito	2	ROW 13910	ROW Opportunity	0.48	0.28	58%	0.008	0.012
El Cerrito	2	ROW 1672	ROW Opportunity	5.53	3.07	56%	0.001	0.012
El Cerrito	2	ROW 6511	ROW Opportunity	3.16	1.88	59%	0.002	0.012
El Cerrito	2	ROW 9947	ROW Opportunity	0.92	0.61	66%	0.005	0.012
El Cerrito	2	Parcel 376467	Parcel-Based Opportunity	5.15	2.93	57%	0.001	0.012
El Cerrito	2	ROW 6968	ROW Opportunity	0.48	0.36	75%	0.007	0.011
El Cerrito	2	ROW 10930	ROW Opportunity	3.54	2.10	59%	0.001	0.011
El Cerrito	2	ROW 9065	ROW Opportunity	2.03	1.20	59%	0.002	0.011
El Cerrito	2	Parcel 140018	Parcel-Based Opportunity	0.39	0.05	13%	0.008	0.011
El Cerrito	2	ROW 16823	ROW Opportunity	1.58	1.02	65%	0.003	0.010
El Cerrito	2	ROW 15090	ROW Opportunity	4.58	2.54	55%	0.001	0.010
El Cerrito	2	ROW 16543	ROW Opportunity	1.22	0.85	70%	0.003	0.010
El Cerrito	2	ROW 1711	ROW Opportunity	2.35	1.03	44%	0.002	0.010
El Cerrito	2	ROW 17280	ROW Opportunity	3.75	2.18	58%	0.001	0.010
El Cerrito	2	ROW 9952	ROW Opportunity	1.53	0.87	57%	0.003	0.010
El Cerrito	2	Parcel 120884	Regional Opportunity	0.59	0.21	36%	0.005	0.010
Hercules	2	Parcel 253834	Parcel-Based Opportunity	6.24	3.65	58%	0.034	0.860
Hercules	2	Parcel 258137	Parcel-Based Opportunity	11.26	2.85	25%	0.015	0.661
Hercules	2	ROW 1743	ROW Opportunity	10.93	4.33	40%	0.013	0.535
Hercules	2	ROW 15756	ROW Opportunity	4.43	2.04	46%	0.028	0.520
Hercules	2	ROW 13267	ROW Opportunity	3.21	1.44	45%	0.027	0.369
Hercules	2	ROW 20166	ROW Opportunity	8.49	3.53	42%	0.011	0.360
Hercules	2	ROW 16990	ROW Opportunity	5.26	1.32	25%	0.016	0.333
Hercules	2	ROW 16634	ROW Opportunity	3.21	1.39	43%	0.022	0.290
Hercules	2	Parcel 257979	Parcel-Based Opportunity	5.28	1.19	23%	0.013	0.283
Hercules	2	ROW 16909	ROW Opportunity	15.95	6.87	43%	0.005	0.260
Hercules	2	ROW 16911	ROW Opportunity	3.92	1.61	41%	0.016	0.247
Hercules	2	ROW 16090	ROW Opportunity	2.62	1.05	40%	0.022	0.243
Hercules	2	Parcel 257367	Parcel-Based Opportunity	3.87	0.86	22%	0.014	0.224
Hercules	2	ROW 14290	ROW Opportunity	6.27	2.06	33%	0.009	0.223
Hercules	2	ROW 6342	ROW Opportunity	2.63	0.75	29%	0.019	0.206
Hercules	2	ROW 19139	ROW Opportunity	3.17	0.80	25%	0.015	0.195
Hercules	2	ROW 18985	ROW Opportunity	21.38	7.42	35%	0.003	0.173
Hercules	2	Parcel 258157	Regional Opportunity	2.95	0.60	20%	0.014	0.167
Hercules	2	ROW 10622	ROW Opportunity	1.33	0.63	47%	0.028	0.160
Hercules	2	ROW 10623	ROW Opportunity	2.15	1.01	47%	0.017	0.153
Hercules	2	ROW 15482	ROW Opportunity	1.75	0.48	27%	0.020	0.141
Hercules	2	ROW 20676	ROW Opportunity	1.62	0.73	45%	0.021	0.140
Hercules	2	ROW 20171	ROW Opportunity	1.96	0.83	42%	0.016	0.125
Hercules	2	ROW 15483	ROW Opportunity	5.37	1.35	25%	0.006	0.115



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Hercules	2	Parcel 257429	Regional Opportunity	1.90	0.43	23%	0.015	0.111
Hercules	2	ROW 1748	ROW Opportunity	1.51	0.39	26%	0.018	0.109
Hercules	2	Parcel 256321	Parcel-Based Opportunity	2.36	0.25	11%	0.010	0.097
Hercules	2	ROW 19622	ROW Opportunity	2.25	0.81	36%	0.011	0.095
Hercules	2	ROW 1435	ROW Opportunity	1.57	0.35	22%	0.014	0.086
Hercules	2	ROW 13170	ROW Opportunity	0.60	0.27	45%	0.026	0.067
Hercules	2	Parcel 257692	Regional Opportunity	0.96	0.22	23%	0.015	0.059
Hercules	2	ROW 1791	ROW Opportunity	1.59	0.35	22%	0.009	0.058
Hercules	2	ROW 6380	ROW Opportunity	0.41	0.24	59%	0.033	0.058
Hercules	2	ROW 7393	ROW Opportunity	1.06	0.36	34%	0.014	0.057
Hercules	2	ROW 7699	ROW Opportunity	0.56	0.19	34%	0.023	0.054
Hercules	2	ROW 17257	ROW Opportunity	0.40	0.21	53%	0.030	0.052
Hercules	2	ROW 10624	ROW Opportunity	0.39	0.17	44%	0.027	0.044
Hercules	2	ROW 7341	ROW Opportunity	0.35	0.15	43%	0.026	0.039
Hercules	2	ROW 1079	ROW Opportunity	0.90	0.39	43%	0.010	0.033
Hercules	2	ROW 11067	ROW Opportunity	7.42	2.66	36%	0.002	0.033
Hercules	2	ROW 365	ROW Opportunity	0.21	0.11	52%	0.029	0.026
Hercules	2	Parcel 257844	Parcel-Based Opportunity	0.43	0.10	23%	0.015	0.025
Hercules	2	ROW 11619	ROW Opportunity	0.42	0.12	29%	0.015	0.024
Hercules	2	Parcel 257823	Parcel-Based Opportunity	0.37	0.08	22%	0.015	0.022
Hercules	2	Parcel 257685	Parcel-Based Opportunity	0.34	0.08	24%	0.015	0.020
Hercules	2	ROW 19683	ROW Opportunity	0.49	0.17	35%	0.010	0.019
Hercules	2	Parcel 260776	Parcel-Based Opportunity	11.52	2.65	23%	0.001	0.019
Hercules	2	Parcel 254443	Parcel-Based Opportunity	8.83	1.56	18%	0.001	0.016
Hercules	2	ROW 2481	ROW Opportunity	0.15	0.07	47%	0.022	0.014
Hercules	2	Parcel 255602	Parcel-Based Opportunity	13.98	5.74	41%	0.000	0.013
Hercules	2	ROW 21077	ROW Opportunity	1.10	0.21	19%	0.003	0.012
Hercules	2	ROW 17543	ROW Opportunity	0.12	0.04	33%	0.022	0.011
Hercules	2	Parcel 253250	Parcel-Based Opportunity	0.32	0.10	31%	0.008	0.010
Lafayette	2	ROW 8037	ROW Opportunity	4.09	2.48	61%	0.014	0.183
Lafayette	2	ROW 2243	ROW Opportunity	1.43	1.06	74%	0.032	0.167
Lafayette	2	ROW 12876	ROW Opportunity	6.73	3.27	49%	0.008	0.153
Lafayette	2	ROW 151	ROW Opportunity	3.55	2.15	61%	0.014	0.153
Lafayette	2	ROW 397	ROW Opportunity	10.95	2.47	23%	0.004	0.132
Lafayette	2	ROW 10450	ROW Opportunity	2.88	1.58	55%	0.013	0.126
Lafayette	2	ROW 8546	ROW Opportunity	30.28	4.86	16%	0.002	0.126
Lafayette	2	ROW 8982	ROW Opportunity	8.86	3.34	38%	0.004	0.097
Lafayette	2	ROW 2803	ROW Opportunity	2.21	1.37	62%	0.012	0.079
Lafayette	2	Parcel 375734	Parcel-Based Opportunity	29.49	9.07	31%	0.001	0.077
Lafayette	2	ROW 235	ROW Opportunity	2.40	1.49	62%	0.011	0.075
Lafayette	2	Parcel 22842	Parcel-Based Opportunity	26.65	4.08	15%	0.001	0.061
Lafayette	2	Parcel 38918	Parcel-Based Opportunity	17.79	6.51	37%	0.001	0.056
Lafayette	2	ROW 5749	ROW Opportunity	2.52	1.23	49%	0.007	0.051
Lafayette	2	ROW 16160	ROW Opportunity	13.26	2.44	18%	0.002	0.050
Lafayette	2	ROW 18657	ROW Opportunity	1.15	0.72	63%	0.013	0.045
Lafayette	2	ROW 6188	ROW Opportunity	2.68	1.13	42%	0.006	0.042
Lafayette	2	ROW 8493	ROW Opportunity	5.88	1.11	19%	0.003	0.041
Lafayette	2	Parcel 45274	Regional Opportunity	0.74	0.44	59%	0.016	0.040
Lafayette	2	ROW 12869	ROW Opportunity	11.00	2.85	26%	0.002	0.039
Lafayette	2	ROW 12445	ROW Opportunity	4.44	0.97	22%	0.003	0.037
Lafayette	2	ROW 17249	ROW Opportunity	4.54	1.96	43%	0.003	0.037
Lafayette	2	ROW 18068	ROW Opportunity	1.26	0.64	51%	0.010	0.037
Lafayette	2	ROW 15000	ROW Opportunity	1.59	0.80	50%	0.007	0.036
Lafayette	2	ROW 7204	ROW Opportunity	0.97	0.35	36%	0.011	0.034
Lafayette	2	ROW 17831	ROW Opportunity	14.18	3.00	21%	0.001	0.033
Lafayette	2	ROW 21105	ROW Opportunity	1.83	0.76	42%	0.006	0.030
Lafayette	2	ROW 18408	ROW Opportunity	7.32	1.94	27%	0.002	0.029
Lafayette	2	ROW 3774	ROW Opportunity	0.85	0.48	56%	0.011	0.029
Lafayette	2	ROW 7943	ROW Opportunity	9.50	1.66	17%	0.001	0.029
Lafayette	2	ROW 8461	ROW Opportunity	0.61	0.39	64%	0.015	0.029
Lafayette	2	Parcel 40931	Parcel-Based Opportunity	6.84	3.62	53%	0.002	0.029
Lafayette	2	Parcel 376452	Parcel-Based Opportunity	9.70	3.28	34%	0.001	0.029
Lafayette	2	Parcel 43618	Parcel-Based Opportunity	7.13	3.51	49%	0.002	0.029
Lafayette	2	ROW 13640	ROW Opportunity	2.39	0.70	29%	0.004	0.028
Lafayette	2	ROW 19821	ROW Opportunity	13.08	2.06	16%	0.001	0.027
Lafayette	2	ROW 8508	ROW Opportunity	1.56	0.60	38%	0.006	0.027
Lafayette	2	planned 546	Planned Creek/Marsh Restoration	2.12	0.60	28%	0.005	0.027
Lafayette	2	ROW 20225	ROW Opportunity	1.46	0.47	32%	0.006	0.026
Lafayette	2	ROW 11383	ROW Opportunity	8.22	1.99	24%	0.001	0.022
Lafayette	2	ROW 680	ROW Opportunity	1.59	0.67	42%	0.005	0.022
Lafayette	2	ROW 9300	ROW Opportunity	1.68	0.70	42%	0.005	0.022
Lafayette	2	ROW 12963	ROW Opportunity	5.60	1.60	29%	0.002	0.021
Lafayette	2	ROW 2256	ROW Opportunity	0.32	0.25	78%	0.020	0.021
Lafayette	2	ROW 155	ROW Opportunity	2.84	1.02	36%	0.003	0.020
Lafayette	2	ROW 2070	ROW Opportunity	2.66	1.20	45%	0.003	0.020
Lafayette	2	Parcel 41948	Regional Opportunity	0.54	0.21	39%	0.011	0.020
Lafayette	2	ROW 21071	ROW Opportunity	0.48	0.22	46%	0.012	0.018
Lafayette	2	ROW 14991	ROW Opportunity	0.74	0.22	30%	0.007	0.017
Lafayette	2	ROW 20798	ROW Opportunity	1.38	0.59	43%	0.005	0.017
Lafayette	2	ROW 18029	ROW Opportunity	5.83	1.14	20%	0.001	0.015
Lafayette	2	ROW 20971	ROW Opportunity	0.57	0.22	39%	0.008	0.015
Lafayette	2	ROW 7898	ROW Opportunity	7.71	1.06	14%	0.001	0.014
Lafayette	2	Parcel 40526	Parcel-Based Opportunity	0.40	0.12	30%	0.010	0.014
Lafayette	2	ROW 18768	ROW Opportunity	4.41	1.13	26%	0.001	0.013
Lafayette	2	ROW 2955	ROW Opportunity	3.77	0.91	24%	0.002	0.013
Lafayette	2	ROW 14844	ROW Opportunity	3.47	0.54	16%	0.002	0.012
Lafayette	2	ROW 20581	ROW Opportunity	2.06	0.66	32%	0.002	0.012
Lafayette	2	ROW 3114	ROW Opportunity	4.89	1.20	25%	0.001	0.012
Lafayette	2	Parcel 43103	Parcel-Based Opportunity	8.38	2.44	29%	0.001	0.012
Lafayette	2	ROW 11327	ROW Opportunity	5.07	1.07	21%	0.001	0.011
Lafayette	2	ROW 13216	ROW Opportunity	5.56	0.90	16%	0.001	0.011
Lafayette	2	ROW 16250	ROW Opportunity	2.49	0.97	39%	0.002	0.011
Lafayette	2	ROW 16635	ROW Opportunity	5.34	0.92	17%	0.001	0.011
Lafayette	2	ROW 18973	ROW Opportunity	3.41	0.90	26%	0.001	0.011

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Lafayette	2	ROW 9365	ROW Opportunity	3.71	1.19	32%	0.001	0.011
Lafayette	2	Parcel 104404	Parcel-Based Opportunity	7.73	0.73	9%	0.001	0.011
Lafayette	2	ROW 13133	ROW Opportunity	4.17	0.92	22%	0.001	0.010
Lafayette	2	ROW 16620	ROW Opportunity	4.96	0.85	17%	0.001	0.010
Lafayette	2	ROW 2059	ROW Opportunity	4.09	0.70	17%	0.001	0.010
Lafayette	2	ROW 2177	ROW Opportunity	4.87	0.90	18%	0.001	0.010
Lafayette	2	ROW 4253	ROW Opportunity	0.63	0.32	51%	0.005	0.010
Lafayette	2	ROW 5759	ROW Opportunity	4.91	0.98	20%	0.001	0.010
Martinez	2	planned 7	Planned Creek/Marsh Restoration	94.31	39.77	42%	0.018	6.741
Martinez	2	ROW 11847	ROW Opportunity	18.15	11.75	65%	0.030	2.289
Martinez	2	ROW 9312	ROW Opportunity	15.70	8.30	53%	0.019	1.200
Martinez	2	Parcel 256879	Parcel-Based Opportunity	4.53	3.61	80%	0.044	0.843
Martinez	2	Parcel 258271	Regional Opportunity	11.25	3.16	28%	0.016	0.738
Martinez	2	ROW 2615	ROW Opportunity	4.67	2.85	61%	0.029	0.568
Martinez	2	ROW 17609	ROW Opportunity	3.03	1.75	58%	0.034	0.431
Martinez	2	ROW 1199	ROW Opportunity	10.11	5.56	55%	0.009	0.350
Martinez	2	ROW 12654	ROW Opportunity	2.07	1.21	58%	0.035	0.299
Martinez	2	Parcel 224745	Parcel-Based Opportunity	12.27	5.56	45%	0.006	0.273
Martinez	2	Parcel 256618	Regional Opportunity	1.53	1.15	75%	0.042	0.270
Martinez	2	ROW 9751	ROW Opportunity	3.94	1.30	33%	0.016	0.263
Martinez	2	ROW 1704	ROW Opportunity	2.43	1.03	42%	0.026	0.261
Martinez	2	ROW 613	ROW Opportunity	44.88	20.72	46%	0.002	0.257
Martinez	2	Parcel 257598	Parcel-Based Opportunity	4.12	0.90	22%	0.014	0.241
Martinez	2	ROW 11018	ROW Opportunity	1.72	0.97	56%	0.033	0.237
Martinez	2	ROW 2610	ROW Opportunity	2.98	0.86	29%	0.018	0.218
Martinez	2	ROW 6722	ROW Opportunity	3.14	1.29	41%	0.017	0.214
Martinez	2	ROW 7179	ROW Opportunity	6.38	3.19	50%	0.008	0.192
Martinez	2	ROW 14509	ROW Opportunity	5.63	2.94	52%	0.009	0.176
Martinez	2	ROW 12653	ROW Opportunity	1.13	0.68	60%	0.035	0.165
Martinez	2	ROW 1198	ROW Opportunity	20.20	10.22	51%	0.003	0.158
Martinez	2	Parcel 257469	Parcel-Based Opportunity	1.47	0.63	43%	0.025	0.155
Martinez	2	ROW 2021	ROW Opportunity	3.08	1.19	39%	0.012	0.154
Martinez	2	Parcel 257037	Parcel-Based Opportunity	1.31	0.60	46%	0.027	0.148
Martinez	2	ROW 11846	ROW Opportunity	1.07	0.66	62%	0.031	0.141
Martinez	2	ROW 6258	ROW Opportunity	1.28	0.54	42%	0.025	0.138
Martinez	2	ROW 13093	ROW Opportunity	19.22	8.75	46%	0.003	0.136
Martinez	2	ROW 15102	ROW Opportunity	1.17	0.49	42%	0.026	0.126
Martinez	2	ROW 12899	ROW Opportunity	23.68	11.07	47%	0.002	0.123
Martinez	2	ROW 6843	ROW Opportunity	7.57	3.72	49%	0.005	0.119
Martinez	2	ROW 12656	ROW Opportunity	1.13	0.45	40%	0.024	0.114
Martinez	2	Parcel 259273	Parcel-Based Opportunity	53.05	7.73	15%	0.001	0.110
Martinez	2	planned 375	Planned Unlined Bioretention	0.69	0.47	68%	0.036	0.104
Martinez	2	Parcel 256439	Parcel-Based Opportunity	6.52	4.34	67%	0.005	0.100
Martinez	2	ROW 11617	ROW Opportunity	6.23	3.68	59%	0.005	0.098
Martinez	2	ROW 3734	ROW Opportunity	10.53	5.59	53%	0.003	0.090
Martinez	2	ROW 4932	ROW Opportunity	2.88	1.64	57%	0.008	0.089
Martinez	2	ROW 15103	ROW Opportunity	0.78	0.33	42%	0.026	0.085
Martinez	2	Parcel 257604	Parcel-Based Opportunity	5.42	1.42	26%	0.004	0.081
Martinez	2	ROW 7416	ROW Opportunity	0.97	0.55	57%	0.020	0.078
Martinez	2	ROW 2023	ROW Opportunity	6.59	0.76	12%	0.003	0.076
Martinez	2	ROW 12901	ROW Opportunity	3.64	1.75	48%	0.005	0.070
Martinez	2	ROW 2910	ROW Opportunity	0.47	0.34	72%	0.035	0.069
Martinez	2	Parcel 229067	Regional Opportunity	2.22	1.53	69%	0.008	0.068
Martinez	2	ROW 14854	ROW Opportunity	1.55	1.06	68%	0.012	0.067
Martinez	2	ROW 20611	ROW Opportunity	5.57	3.21	58%	0.004	0.066
Martinez	2	ROW 10676	ROW Opportunity	2.73	1.61	59%	0.007	0.065
Martinez	2	ROW 7853	ROW Opportunity	7.02	3.11	44%	0.003	0.064
Martinez	2	ROW 15451	ROW Opportunity	4.14	2.09	50%	0.005	0.062
Martinez	2	ROW 19814	ROW Opportunity	0.69	0.24	35%	0.021	0.061
Martinez	2	ROW 629	ROW Opportunity	5.08	1.83	36%	0.004	0.060
Martinez	2	ROW 12109	ROW Opportunity	0.35	0.24	69%	0.040	0.058
Martinez	2	Parcel 259114	Parcel-Based Opportunity	9.40	2.23	24%	0.002	0.057
Martinez	2	ROW 11811	ROW Opportunity	3.12	1.63	52%	0.005	0.054
Martinez	2	Parcel 256442	Regional Opportunity	1.80	1.30	72%	0.008	0.053
Martinez	2	Parcel 251682	Parcel-Based Opportunity	32.13	8.78	27%	0.001	0.045
Martinez	2	Parcel 256990	Regional Opportunity	1.38	0.32	23%	0.008	0.043
Martinez	2	ROW 6892	ROW Opportunity	1.90	1.20	63%	0.006	0.040
Martinez	2	ROW 15020	ROW Opportunity	9.04	2.92	32%	0.002	0.039
Martinez	2	ROW 8221	ROW Opportunity	6.16	3.05	50%	0.002	0.039
Martinez	2	Parcel 232523	Regional Opportunity	1.40	0.76	54%	0.007	0.039
Martinez	2	ROW 610	ROW Opportunity	15.31	6.60	43%	0.001	0.034
Martinez	2	ROW 3856	ROW Opportunity	20.44	8.96	44%	0.001	0.034
Martinez	2	planned 372	Planned Unlined Bioretention	1.66	0.92	55%	0.006	0.033
Martinez	2	Parcel 256108	Regional Opportunity	0.92	0.73	79%	0.010	0.032
Martinez	2	Parcel 258236	Parcel-Based Opportunity	0.33	0.22	67%	0.024	0.032
Martinez	2	ROW 6905	ROW Opportunity	1.95	0.94	48%	0.005	0.030
Martinez	2	Parcel 222314	Regional Opportunity	1.35	0.61	45%	0.006	0.030
Martinez	2	Parcel 255702	Regional Opportunity	0.92	0.66	72%	0.009	0.029
Martinez	2	Parcel 256354	Regional Opportunity	0.89	0.65	73%	0.009	0.029
Martinez	2	ROW 8871	ROW Opportunity	2.44	1.23	50%	0.004	0.028
Martinez	2	ROW 6891	ROW Opportunity	7.35	3.61	49%	0.002	0.027
Martinez	2	Parcel 256320	Regional Opportunity	0.91	0.61	67%	0.008	0.027
Martinez	2	Parcel 256422	Regional Opportunity	0.76	0.50	66%	0.010	0.027
Martinez	2	Parcel 253376	Regional Opportunity	1.62	0.94	58%	0.005	0.026
Martinez	2	Parcel 254721	Regional Opportunity	1.16	0.53	46%	0.006	0.024
Martinez	2	ROW 7604	ROW Opportunity	2.87	1.45	51%	0.003	0.023
Martinez	2	Parcel 224949	Regional Opportunity	0.86	0.49	57%	0.008	0.023
Martinez	2	Parcel 237827	Regional Opportunity	0.71	0.52	73%	0.009	0.023
Martinez	2	Parcel 256502	Parcel-Based Opportunity	0.42	0.31	74%	0.014	0.023
Martinez	2	Parcel 253818	Parcel-Based Opportunity	13.01	5.66	44%	0.001	0.023
Martinez	2	ROW 20289	ROW Opportunity	7.12	3.17	45%	0.001	0.022
Martinez	2	ROW 14857	ROW Opportunity	17.86	8.48	47%	0.000	0.022
Martinez	2	ROW 7211	ROW Opportunity	6.08	2.85	47%	0.002	0.022
Martinez	2	Parcel 258083	Parcel-Based Opportunity	35.65	4.18	12%	0.000	0.021

Contra Costa Countywide Attainment Strategy  
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Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Martinez	2	ROW 2025	ROW Opportunity	9.51	4.84	51%	0.001	0.020
Martinez	2	Parcel 243866	Parcel-Based Opportunity	14.00	5.43	39%	0.001	0.020
Martinez	2	ROW 14205	ROW Opportunity	6.33	3.34	53%	0.001	0.019
Martinez	2	ROW 20345	ROW Opportunity	5.01	2.30	46%	0.002	0.019
Martinez	2	ROW 9574	ROW Opportunity	1.17	0.62	53%	0.005	0.019
Martinez	2	Parcel 223914	Regional Opportunity	0.85	0.39	46%	0.006	0.019
Martinez	2	Parcel 258983	Regional Opportunity	122.27	7.70	6%	0.000	0.019
Martinez	2	ROW 16176	ROW Opportunity	9.36	4.21	45%	0.001	0.018
Martinez	2	ROW 631	ROW Opportunity	3.69	1.73	47%	0.002	0.018
Martinez	2	Parcel 255585	Regional Opportunity	0.57	0.42	74%	0.009	0.018
Martinez	2	ROW 6965	ROW Opportunity	3.36	1.76	52%	0.002	0.017
Martinez	2	ROW 9879	ROW Opportunity	0.73	0.41	56%	0.007	0.017
Martinez	2	Parcel 225041	Regional Opportunity	0.74	0.35	47%	0.007	0.017
Martinez	2	planned 376	Planned Unlined Bioretention	0.53	0.37	70%	0.009	0.016
Martinez	2	Parcel 253606	Parcel-Based Opportunity	0.49	0.36	73%	0.009	0.016
Martinez	2	Parcel 255151	Regional Opportunity	0.55	0.35	64%	0.008	0.016
Martinez	2	ROW 12471	ROW Opportunity	5.06	2.37	47%	0.001	0.015
Martinez	2	ROW 12911	ROW Opportunity	4.33	2.19	51%	0.002	0.015
Martinez	2	Parcel 225722	Parcel-Based Opportunity	0.34	0.06	18%	0.011	0.015
Martinez	2	ROW 12492	ROW Opportunity	5.90	2.58	44%	0.001	0.014
Martinez	2	ROW 14285	ROW Opportunity	3.17	1.67	53%	0.002	0.014
Martinez	2	ROW 14410	ROW Opportunity	0.55	0.30	55%	0.007	0.014
Martinez	2	ROW 1464	ROW Opportunity	1.92	0.74	39%	0.003	0.014
Martinez	2	ROW 20556	ROW Opportunity	1.78	0.79	44%	0.003	0.014
Martinez	2	ROW 7828	ROW Opportunity	1.92	0.94	49%	0.003	0.014
Martinez	2	ROW 9180	ROW Opportunity	1.23	0.59	48%	0.004	0.014
Martinez	2	ROW 4933	ROW Opportunity	2.81	1.45	52%	0.002	0.013
Martinez	2	ROW 12005	ROW Opportunity	1.77	0.96	54%	0.003	0.013
Martinez	2	Parcel 255587	Parcel-Based Opportunity	0.37	0.29	78%	0.010	0.013
Martinez	2	ROW 14540	ROW Opportunity	0.51	0.25	49%	0.007	0.012
Martinez	2	ROW 15897	ROW Opportunity	3.30	1.73	52%	0.002	0.012
Martinez	2	ROW 20804	ROW Opportunity	4.55	2.34	51%	0.001	0.012
Martinez	2	ROW 4230	ROW Opportunity	1.56	0.52	33%	0.003	0.012
Martinez	2	ROW 6703	ROW Opportunity	0.74	0.43	58%	0.005	0.012
Martinez	2	Parcel 214775	Parcel-Based Opportunity	9.97	2.81	28%	0.001	0.012
Martinez	2	Parcel 238844	Parcel-Based Opportunity	14.31	3.94	28%	0.000	0.012
Martinez	2	ROW 12317	ROW Opportunity	0.64	0.34	53%	0.005	0.011
Martinez	2	ROW 16580	ROW Opportunity	1.80	0.75	42%	0.002	0.011
Martinez	2	ROW 20704	ROW Opportunity	5.72	2.55	45%	0.001	0.011
Martinez	2	planned 373	Planned Unlined Bioretention	1.59	0.50	31%	0.002	0.011
Martinez	2	Parcel 240285	Parcel-Based Opportunity	11.54	3.74	32%	0.000	0.011
Martinez	2	Parcel 256903	Parcel-Based Opportunity	0.23	0.11	48%	0.012	0.011
Martinez	2	Parcel 255494	Parcel-Based Opportunity	0.28	0.25	89%	0.011	0.011
Martinez	2	Parcel 252998	Parcel-Based Opportunity	8.29	4.83	58%	0.000	0.011
Martinez	2	ROW 12318	ROW Opportunity	2.07	1.11	54%	0.002	0.010
Martinez	2	ROW 19347	ROW Opportunity	0.79	0.42	53%	0.004	0.010
Martinez	2	ROW 3406	ROW Opportunity	5.91	2.42	41%	0.001	0.010
Martinez	2	ROW 8404	ROW Opportunity	1.34	0.67	50%	0.003	0.010
Martinez	2	Parcel 224976	Parcel-Based Opportunity	0.45	0.21	47%	0.006	0.010
Martinez	2	Parcel 255781	Parcel-Based Opportunity	0.46	0.23	50%	0.006	0.010
Moraga	2	ROW 17250	ROW Opportunity	11.07	3.64	33%	0.016	0.647
Moraga	2	planned 1316	Planned Unlined Bioretention	2.98	1.05	35%	0.026	0.293
Moraga	2	Parcel 10950	Regional Opportunity	1.14	0.34	30%	0.041	0.185
Moraga	2	Parcel 10961	Regional Opportunity	1.15	0.30	26%	0.037	0.170
Moraga	2	ROW 12878	ROW Opportunity	4.53	1.88	42%	0.008	0.111
Moraga	2	Parcel 26092	Parcel-Based Opportunity	38.99	10.31	26%	0.001	0.106
Moraga	2	ROW 12881	ROW Opportunity	11.85	3.71	31%	0.003	0.072
Moraga	2	Parcel 12163	Parcel-Based Opportunity	43.07	7.49	17%	0.001	0.069
Moraga	2	Parcel 13537	Parcel-Based Opportunity	50.27	8.81	18%	0.000	0.067
Moraga	2	Parcel 7723	Parcel-Based Opportunity	24.01	5.65	24%	0.001	0.056
Moraga	2	ROW 3145	ROW Opportunity	19.33	5.50	28%	0.001	0.049
Moraga	2	ROW 10626	ROW Opportunity	13.66	3.97	29%	0.001	0.041
Moraga	2	ROW 4748	ROW Opportunity	14.73	3.93	27%	0.001	0.041
Moraga	2	ROW 3392	ROW Opportunity	10.09	4.09	41%	0.002	0.032
Moraga	2	ROW 19295	ROW Opportunity	9.79	2.99	31%	0.001	0.030
Moraga	2	Parcel 6384	Parcel-Based Opportunity	9.48	3.19	34%	0.002	0.030
Moraga	2	ROW 15965	ROW Opportunity	9.83	3.12	32%	0.001	0.028
Moraga	2	ROW 16744	ROW Opportunity	10.16	2.83	28%	0.001	0.027
Moraga	2	ROW 16992	ROW Opportunity	8.35	2.44	29%	0.001	0.023
Moraga	2	planned 150	Planned Creek/Marsh Restoration	9.22	0.93	10%	0.001	0.015
Moraga	2	ROW 3874	ROW Opportunity	4.29	1.72	40%	0.001	0.013
Moraga	2	Parcel 12154	Parcel-Based Opportunity	7.49	1.19	16%	0.001	0.013
Moraga	2	ROW 20532	ROW Opportunity	3.80	1.22	32%	0.002	0.012
Moraga	2	ROW 5547	ROW Opportunity	4.78	1.26	26%	0.001	0.012
Moraga	2	ROW 5710	ROW Opportunity	4.70	1.16	25%	0.001	0.012
Moraga	2	Parcel 12566	Parcel-Based Opportunity	19.96	2.68	13%	0.000	0.012
Moraga	2	Parcel 13376	Parcel-Based Opportunity	9.49	0.66	7%	0.001	0.012
Moraga	2	Parcel 13461	Parcel-Based Opportunity	4.70	1.31	28%	0.001	0.012
Moraga	2	ROW 20599	ROW Opportunity	3.96	1.17	30%	0.001	0.011
Moraga	2	ROW 3147	ROW Opportunity	3.36	1.24	37%	0.002	0.011
Moraga	2	Parcel 9225	Parcel-Based Opportunity	6.43	1.25	19%	0.001	0.011
Moraga	2	ROW 12598	ROW Opportunity	3.52	1.17	33%	0.001	0.010
Moraga	2	ROW 21343	ROW Opportunity	3.59	1.02	28%	0.001	0.010
Moraga	2	Parcel 3748	Parcel-Based Opportunity	8.12	0.56	7%	0.001	0.010
Orinda	2	ROW 21614	ROW Opportunity	31.32	10.62	34%	0.002	0.104
Orinda	2	Parcel 44823	Parcel-Based Opportunity	16.20	4.76	29%	0.001	0.046
Orinda	2	Parcel 46205	Parcel-Based Opportunity	22.26	2.96	13%	0.001	0.041
Orinda	2	ROW 9556	ROW Opportunity	15.77	2.91	18%	0.001	0.034
Orinda	2	Parcel 13835	Parcel-Based Opportunity	11.63	3.16	27%	0.001	0.030
Orinda	2	Parcel 49552	Parcel-Based Opportunity	28.42	2.67	9%	0.000	0.029
Orinda	2	ROW 1107	ROW Opportunity	7.07	1.26	18%	0.001	0.018
Orinda	2	ROW 11198	ROW Opportunity	11.30	1.45	13%	0.001	0.018
Orinda	2	Parcel 29088	Parcel-Based Opportunity	6.41	1.86	29%	0.001	0.018
Orinda	2	ROW 19957	ROW Opportunity	9.06	1.12	12%	0.001	0.017

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Orinda	2	ROW 9077	ROW Opportunity	7.88	1.15	15%	0.001	0.017
Orinda	2	ROW 4721	ROW Opportunity	6.01	1.19	20%	0.001	0.015
Orinda	2	Parcel 47119	Parcel-Based Opportunity	10.58	0.76	7%	0.001	0.014
Orinda	2	Parcel 36062	Parcel-Based Opportunity	3.19	1.35	42%	0.002	0.013
Orinda	2	ROW 7202	ROW Opportunity	5.07	0.93	18%	0.001	0.011
Pinole	2	Parcel 254723	Parcel-Based Opportunity	4.41	2.14	49%	0.030	0.532
Pinole	2	ROW 16912	ROW Opportunity	10.96	5.87	54%	0.008	0.283
Pinole	2	ROW 19218	ROW Opportunity	7.85	3.87	49%	0.006	0.158
Pinole	2	ROW 14911	ROW Opportunity	4.68	2.63	56%	0.009	0.147
Pinole	2	ROW 14916	ROW Opportunity	9.85	4.50	46%	0.005	0.141
Pinole	2	ROW 20585	ROW Opportunity	1.13	0.71	63%	0.027	0.122
Pinole	2	ROW 1018	ROW Opportunity	2.13	1.30	61%	0.008	0.059
Pinole	2	ROW 15540	ROW Opportunity	8.95	3.99	45%	0.003	0.059
Pinole	2	Parcel 230897	Regional Opportunity	2.72	1.22	45%	0.006	0.056
Pinole	2	ROW 15484	ROW Opportunity	0.95	0.39	41%	0.014	0.052
Pinole	2	ROW 18207	ROW Opportunity	0.78	0.47	60%	0.017	0.050
Pinole	2	ROW 14605	ROW Opportunity	2.38	1.39	58%	0.006	0.047
Pinole	2	Parcel 230869	Regional Opportunity	1.51	0.94	62%	0.009	0.044
Pinole	2	Parcel 232274	Parcel-Based Opportunity	22.08	9.87	45%	0.001	0.040
Pinole	2	ROW 6874	ROW Opportunity	9.82	4.43	45%	0.002	0.038
Pinole	2	ROW 7727	ROW Opportunity	0.61	0.33	54%	0.014	0.033
Pinole	2	Parcel 221780	Regional Opportunity	3.09	1.00	32%	0.003	0.032
Pinole	2	ROW 7150	ROW Opportunity	2.17	1.19	55%	0.005	0.030
Pinole	2	Parcel 245647	Regional Opportunity	0.88	0.67	76%	0.010	0.029
Pinole	2	Parcel 247794	Parcel-Based Opportunity	0.30	0.08	27%	0.019	0.023
Pinole	2	ROW 12194	ROW Opportunity	3.86	1.94	50%	0.002	0.022
Pinole	2	ROW 3363	ROW Opportunity	5.11	2.55	50%	0.002	0.022
Pinole	2	ROW 5887	ROW Opportunity	13.54	5.22	39%	0.001	0.022
Pinole	2	Parcel 245383	Regional Opportunity	0.65	0.49	75%	0.010	0.022
Pinole	2	ROW 5599	ROW Opportunity	1.98	1.15	58%	0.004	0.021
Pinole	2	ROW 15034	ROW Opportunity	1.70	0.94	55%	0.004	0.020
Pinole	2	Parcel 243023	Parcel-Based Opportunity	9.49	5.01	53%	0.001	0.020
Pinole	2	ROW 13497	ROW Opportunity	6.04	3.06	51%	0.002	0.019
Pinole	2	ROW 17159	ROW Opportunity	7.51	3.24	43%	0.001	0.019
Pinole	2	ROW 5886	ROW Opportunity	4.30	2.40	56%	0.002	0.018
Pinole	2	Parcel 219618	Parcel-Based Opportunity	13.15	4.37	33%	0.001	0.018
Pinole	2	Parcel 247475	Parcel-Based Opportunity	0.12	0.08	67%	0.038	0.018
Pinole	2	ROW 1742	ROW Opportunity	4.13	1.95	47%	0.002	0.017
Pinole	2	ROW 11596	ROW Opportunity	0.67	0.39	58%	0.007	0.016
Pinole	2	ROW 15440	ROW Opportunity	1.90	0.96	51%	0.003	0.016
Pinole	2	ROW 4012	ROW Opportunity	1.39	0.72	52%	0.004	0.016
Pinole	2	ROW 306	ROW Opportunity	1.68	0.94	56%	0.003	0.015
Pinole	2	ROW 1017	ROW Opportunity	0.97	0.42	43%	0.005	0.014
Pinole	2	ROW 13999	ROW Opportunity	0.44	0.22	50%	0.009	0.014
Pinole	2	ROW 293	ROW Opportunity	2.06	1.13	55%	0.003	0.014
Pinole	2	ROW 15441	ROW Opportunity	0.57	0.38	67%	0.007	0.013
Pinole	2	ROW 15478	ROW Opportunity	1.37	0.77	56%	0.003	0.013
Pinole	2	ROW 16159	ROW Opportunity	1.46	0.86	59%	0.003	0.013
Pinole	2	ROW 14913	ROW Opportunity	3.64	1.88	52%	0.002	0.012
Pinole	2	ROW 16077	ROW Opportunity	1.72	0.80	47%	0.003	0.012
Pinole	2	ROW 7141	ROW Opportunity	1.41	0.78	55%	0.003	0.012
Pinole	2	Parcel 244914	Parcel-Based Opportunity	0.42	0.28	67%	0.009	0.012
Pinole	2	Parcel 249339	Regional Opportunity	0.52	0.26	50%	0.007	0.012
Pinole	2	ROW 14440	ROW Opportunity	1.13	0.42	37%	0.003	0.011
Pinole	2	ROW 1021	ROW Opportunity	1.11	0.49	44%	0.003	0.011
Pinole	2	ROW 4571	ROW Opportunity	5.72	2.53	44%	0.001	0.011
Pinole	2	ROW 15889	ROW Opportunity	0.51	0.20	39%	0.006	0.010
Pinole	2	ROW 646	ROW Opportunity	4.57	2.48	54%	0.001	0.010
Pinole	2	Parcel 249605	Parcel-Based Opportunity	4.61	0.72	16%	0.001	0.010
Pinole	2	Parcel 246543	Parcel-Based Opportunity	0.40	0.23	58%	0.008	0.010
Pittsburg	2	Parcel 352273	Parcel-Based Opportunity	22.24	7.16	32%	0.020	1.973
Pittsburg	2	ROW 6199	ROW Opportunity	17.07	9.41	55%	0.023	1.681
Pittsburg	2	ROW 13238	ROW Opportunity	17.62	9.84	56%	0.016	1.119
Pittsburg	2	ROW 11361	ROW Opportunity	11.26	7.09	63%	0.019	0.891
Pittsburg	2	ROW 7663	ROW Opportunity	8.79	5.55	63%	0.024	0.887
Pittsburg	2	ROW 4315	ROW Opportunity	3.78	2.84	75%	0.040	0.661
Pittsburg	2	ROW 14954	ROW Opportunity	7.36	4.19	57%	0.020	0.642
Pittsburg	2	ROW 2265	ROW Opportunity	3.43	2.47	72%	0.038	0.568
Pittsburg	2	ROW 14958	ROW Opportunity	4.91	3.47	71%	0.026	0.548
Pittsburg	2	Parcel 366531	Parcel-Based Opportunity	6.87	2.53	37%	0.015	0.449
Pittsburg	2	ROW 14798	ROW Opportunity	3.48	2.15	62%	0.028	0.412
Pittsburg	2	ROW 1954	ROW Opportunity	2.50	1.71	68%	0.037	0.401
Pittsburg	2	ROW 3090	ROW Opportunity	5.95	3.72	63%	0.014	0.342
Pittsburg	2	ROW 11359	ROW Opportunity	13.31	7.75	58%	0.007	0.342
Pittsburg	2	ROW 7525	ROW Opportunity	2.93	1.85	63%	0.026	0.326
Pittsburg	2	Parcel 350839	Parcel-Based Opportunity	14.33	6.63	46%	0.006	0.316
Pittsburg	2	ROW 6215	ROW Opportunity	2.16	1.40	65%	0.033	0.310
Pittsburg	2	ROW 6741	ROW Opportunity	2.05	1.30	63%	0.034	0.304
Pittsburg	2	ROW 9457	ROW Opportunity	1.88	1.26	67%	0.036	0.296
Pittsburg	2	ROW 17711	ROW Opportunity	1.60	1.28	80%	0.042	0.292
Pittsburg	2	ROW 7526	ROW Opportunity	5.46	3.95	72%	0.013	0.279
Pittsburg	2	ROW 8562	ROW Opportunity	2.35	1.45	62%	0.027	0.275
Pittsburg	2	ROW 20368	ROW Opportunity	6.68	4.19	63%	0.010	0.251
Pittsburg	2	Parcel 367743	Regional Opportunity	2.24	1.01	45%	0.025	0.247
Pittsburg	2	ROW 8561	ROW Opportunity	7.93	4.62	58%	0.008	0.236
Pittsburg	2	ROW 1955	ROW Opportunity	1.47	0.99	67%	0.036	0.231
Pittsburg	2	ROW 6257	ROW Opportunity	21.27	11.80	55%	0.003	0.231
Pittsburg	2	ROW 21116	ROW Opportunity	8.88	4.83	54%	0.007	0.228
Pittsburg	2	ROW 6280	ROW Opportunity	5.74	3.46	60%	0.010	0.227
Pittsburg	2	ROW 11974	ROW Opportunity	1.43	0.96	67%	0.036	0.226
Pittsburg	2	ROW 8563	ROW Opportunity	12.59	7.66	61%	0.005	0.220
Pittsburg	2	ROW 9582	ROW Opportunity	2.15	1.25	58%	0.023	0.212
Pittsburg	2	Parcel 349390	Parcel-Based Opportunity	6.79	4.68	69%	0.008	0.207
Pittsburg	2	ROW 6226	ROW Opportunity	4.40	2.71	62%	0.011	0.194

Contra Costa Countywide Attainment Strategy  
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Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Pittsburg	2	ROW 7859	ROW Opportunity	7.77	4.29	55%	0.007	0.191
Pittsburg	2	ROW 6505	ROW Opportunity	3.76	2.13	57%	0.011	0.170
Pittsburg	2	ROW 15499	ROW Opportunity	1.44	1.06	74%	0.027	0.169
Pittsburg	2	ROW 18481	ROW Opportunity	1.15	0.71	62%	0.033	0.166
Pittsburg	2	ROW 3328	ROW Opportunity	1.31	0.78	60%	0.029	0.165
Pittsburg	2	ROW 3327	ROW Opportunity	1.14	0.65	57%	0.031	0.154
Pittsburg	2	Parcel 363475	Parcel-Based Opportunity	7.77	3.26	42%	0.005	0.150
Pittsburg	2	ROW 8520	ROW Opportunity	3.06	1.75	57%	0.011	0.135
Pittsburg	2	ROW 11360	ROW Opportunity	7.80	4.64	59%	0.005	0.133
Pittsburg	2	ROW 6737	ROW Opportunity	0.93	0.57	61%	0.033	0.133
Pittsburg	2	ROW 20440	ROW Opportunity	1.02	0.53	52%	0.026	0.126
Pittsburg	2	ROW 2855	ROW Opportunity	24.34	12.97	53%	0.002	0.117
Pittsburg	2	ROW 6736	ROW Opportunity	0.84	0.50	60%	0.032	0.117
Pittsburg	2	ROW 6237	ROW Opportunity	2.47	1.38	56%	0.011	0.110
Pittsburg	2	Parcel 362143	Regional Opportunity	0.99	0.41	41%	0.026	0.109
Pittsburg	2	ROW 4561	ROW Opportunity	4.16	2.43	58%	0.007	0.108
Pittsburg	2	ROW 18479	ROW Opportunity	0.76	0.45	59%	0.032	0.106
Pittsburg	2	Parcel 373150	Parcel-Based Opportunity	5.22	2.26	43%	0.005	0.103
Pittsburg	2	ROW 15210	ROW Opportunity	11.75	7.22	61%	0.003	0.093
Pittsburg	2	ROW 21076	ROW Opportunity	0.54	0.34	63%	0.033	0.078
Pittsburg	2	Parcel 367785	Regional Opportunity	1.98	1.79	90%	0.011	0.078
Pittsburg	2	ROW 3879	ROW Opportunity	7.88	4.73	60%	0.003	0.075
Pittsburg	2	ROW 8564	ROW Opportunity	9.90	5.38	54%	0.003	0.074
Pittsburg	2	ROW 5091	ROW Opportunity	19.64	10.50	53%	0.001	0.072
Pittsburg	2	Parcel 361465	Parcel-Based Opportunity	9.00	2.11	23%	0.002	0.072
Pittsburg	2	ROW 20894	ROW Opportunity	1.00	0.63	63%	0.017	0.071
Pittsburg	2	ROW 11324	ROW Opportunity	1.53	1.00	65%	0.012	0.070
Pittsburg	2	ROW 17896	ROW Opportunity	0.57	0.34	60%	0.028	0.070
Pittsburg	2	ROW 9581	ROW Opportunity	1.45	0.88	61%	0.012	0.070
Pittsburg	2	ROW 1336	ROW Opportunity	3.78	2.22	59%	0.005	0.068
Pittsburg	2	Parcel 362407	Regional Opportunity	2.93	1.49	51%	0.006	0.068
Pittsburg	2	Parcel 371128	Parcel-Based Opportunity	14.11	3.86	27%	0.002	0.067
Pittsburg	2	ROW 7571	ROW Opportunity	10.34	5.77	56%	0.002	0.063
Pittsburg	2	Parcel 362118	Regional Opportunity	2.29	1.41	62%	0.008	0.063
Pittsburg	2	ROW 15487	ROW Opportunity	2.36	1.45	61%	0.007	0.062
Pittsburg	2	ROW 6193	ROW Opportunity	3.97	2.52	63%	0.005	0.060
Pittsburg	2	Parcel 362980	Parcel-Based Opportunity	29.43	14.40	49%	0.001	0.058
Pittsburg	2	ROW 5206	ROW Opportunity	3.75	2.42	65%	0.005	0.057
Pittsburg	2	ROW 1284	ROW Opportunity	0.36	0.25	69%	0.036	0.057
Pittsburg	2	ROW 15053	ROW Opportunity	2.48	1.28	52%	0.006	0.055
Pittsburg	2	ROW 18482	ROW Opportunity	0.42	0.22	52%	0.029	0.054
Pittsburg	2	Parcel 374906	Parcel-Based Opportunity	6.68	4.37	65%	0.003	0.054
Pittsburg	2	Parcel 356104	Regional Opportunity	2.28	1.53	67%	0.007	0.053
Pittsburg	2	ROW 6195	ROW Opportunity	6.47	3.95	61%	0.003	0.052
Pittsburg	2	Parcel 370086	Regional Opportunity	1.37	1.18	86%	0.010	0.052
Pittsburg	2	ROW 434	ROW Opportunity	0.36	0.23	64%	0.033	0.051
Pittsburg	2	Parcel 362426	Regional Opportunity	1.89	1.15	61%	0.007	0.051
Pittsburg	2	ROW 11734	ROW Opportunity	3.49	2.06	59%	0.004	0.050
Pittsburg	2	Parcel 358872	Regional Opportunity	1.52	1.10	72%	0.009	0.048
Pittsburg	2	ROW 17448	ROW Opportunity	2.84	1.45	51%	0.005	0.047
Pittsburg	2	ROW 3086	ROW Opportunity	0.45	0.29	64%	0.023	0.045
Pittsburg	2	ROW 16768	ROW Opportunity	0.36	0.19	53%	0.028	0.044
Pittsburg	2	Parcel 363463	Regional Opportunity	2.26	0.96	42%	0.005	0.044
Pittsburg	2	ROW 810	ROW Opportunity	0.26	0.18	69%	0.037	0.043
Pittsburg	2	Parcel 363309	Parcel-Based Opportunity	6.78	2.01	30%	0.002	0.043
Pittsburg	2	ROW 5831	ROW Opportunity	3.02	1.89	63%	0.004	0.041
Pittsburg	2	ROW 6214	ROW Opportunity	3.42	2.08	61%	0.004	0.041
Pittsburg	2	Parcel 371346	Parcel-Based Opportunity	0.24	0.18	75%	0.039	0.041
Pittsburg	2	ROW 5428	ROW Opportunity	4.76	2.60	55%	0.003	0.037
Pittsburg	2	ROW 6228	ROW Opportunity	4.44	2.89	65%	0.003	0.037
Pittsburg	2	ROW 11833	ROW Opportunity	3.89	2.24	58%	0.003	0.036
Pittsburg	2	ROW 762	ROW Opportunity	6.64	3.55	53%	0.002	0.036
Pittsburg	2	ROW 18594	ROW Opportunity	8.91	5.04	57%	0.002	0.035
Pittsburg	2	Parcel 372570	Regional Opportunity	1.35	0.77	57%	0.007	0.035
Pittsburg	2	ROW 18048	ROW Opportunity	4.41	2.71	61%	0.003	0.034
Pittsburg	2	Parcel 374691	Parcel-Based Opportunity	11.06	5.22	47%	0.001	0.034
Pittsburg	2	ROW 1733	ROW Opportunity	1.96	0.93	47%	0.005	0.033
Pittsburg	2	Parcel 368250	Parcel-Based Opportunity	0.32	0.18	56%	0.024	0.033
Pittsburg	2	ROW 2115	ROW Opportunity	1.76	0.97	55%	0.005	0.032
Pittsburg	2	Parcel 348794	Parcel-Based Opportunity	20.29	7.64	38%	0.001	0.032
Pittsburg	2	ROW 17251	ROW Opportunity	8.95	5.16	58%	0.001	0.031
Pittsburg	2	ROW 394	ROW Opportunity	1.85	1.05	57%	0.005	0.031
Pittsburg	2	ROW 15726	ROW Opportunity	3.11	1.83	59%	0.003	0.030
Pittsburg	2	ROW 21525	ROW Opportunity	5.44	2.94	54%	0.002	0.030
Pittsburg	2	ROW 20465	ROW Opportunity	38.58	20.17	52%	0.000	0.029
Pittsburg	2	ROW 14014	ROW Opportunity	1.80	0.94	52%	0.005	0.028
Pittsburg	2	ROW 15496	ROW Opportunity	2.11	1.33	63%	0.004	0.028
Pittsburg	2	ROW 3866	ROW Opportunity	1.39	0.66	47%	0.006	0.028
Pittsburg	2	ROW 6218	ROW Opportunity	1.32	0.86	65%	0.006	0.028
Pittsburg	2	Parcel 361545	Parcel-Based Opportunity	18.57	6.68	36%	0.001	0.028
Pittsburg	2	ROW 2172	ROW Opportunity	3.63	2.26	62%	0.003	0.027
Pittsburg	2	ROW 4032	ROW Opportunity	2.50	1.16	46%	0.003	0.027
Pittsburg	2	Parcel 374956	Parcel-Based Opportunity	7.22	2.76	38%	0.002	0.027
Pittsburg	2	Parcel 351544	Parcel-Based Opportunity	13.19	6.68	51%	0.001	0.027
Pittsburg	2	Parcel 358992	Parcel-Based Opportunity	3.66	2.32	63%	0.003	0.027
Pittsburg	2	ROW 1734	ROW Opportunity	4.43	2.52	57%	0.002	0.026
Pittsburg	2	ROW 20003	ROW Opportunity	12.36	6.63	54%	0.001	0.026
Pittsburg	2	ROW 6217	ROW Opportunity	1.01	0.70	69%	0.007	0.025
Pittsburg	2	Parcel 342146	Parcel-Based Opportunity	12.50	6.01	48%	0.001	0.025
Pittsburg	2	ROW 11064	ROW Opportunity	3.96	2.19	55%	0.002	0.024
Pittsburg	2	ROW 14856	ROW Opportunity	3.11	1.80	58%	0.002	0.024
Pittsburg	2	ROW 16225	ROW Opportunity	4.64	2.66	57%	0.002	0.024
Pittsburg	2	ROW 20398	ROW Opportunity	0.77	0.43	56%	0.008	0.024
Pittsburg	2	Parcel 372876	Regional Opportunity	1.32	0.53	40%	0.005	0.024

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Pittsburg	2	Parcel 373402	Regional Opportunity	1.03	0.53	51%	0.006	0.024
Pittsburg	2	Parcel 348459	Parcel-Based Opportunity	12.96	5.96	46%	0.001	0.024
Pittsburg	2	ROW 11872	ROW Opportunity	2.97	1.69	57%	0.003	0.023
Pittsburg	2	ROW 11358	ROW Opportunity	1.06	0.49	46%	0.006	0.023
Pittsburg	2	ROW 12501	ROW Opportunity	4.54	2.65	58%	0.002	0.023
Pittsburg	2	ROW 20394	ROW Opportunity	1.63	0.97	60%	0.004	0.023
Pittsburg	2	ROW 20627	ROW Opportunity	4.36	2.57	59%	0.002	0.023
Pittsburg	2	ROW 2826	ROW Opportunity	4.45	2.57	58%	0.002	0.023
Pittsburg	2	ROW 6219	ROW Opportunity	1.46	0.92	63%	0.005	0.023
Pittsburg	2	Parcel 362344	Parcel-Based Opportunity	14.44	5.98	41%	0.001	0.023
Pittsburg	2	Parcel 352244	Parcel-Based Opportunity	10.05	5.65	56%	0.001	0.023
Pittsburg	2	ROW 894	ROW Opportunity	4.26	2.49	58%	0.002	0.022
Pittsburg	2	Parcel 366285	Parcel-Based Opportunity	26.81	4.81	18%	0.000	0.022
Pittsburg	2	ROW 11969	ROW Opportunity	0.49	0.26	53%	0.011	0.021
Pittsburg	2	ROW 14500	ROW Opportunity	0.21	0.12	57%	0.024	0.021
Pittsburg	2	ROW 6695	ROW Opportunity	1.68	0.92	55%	0.004	0.021
Pittsburg	2	Parcel 357792	Regional Opportunity	1.23	1.04	85%	0.006	0.021
Pittsburg	2	Parcel 336890	Parcel-Based Opportunity	9.19	5.25	57%	0.001	0.021
Pittsburg	2	ROW 6805	ROW Opportunity	0.65	0.36	55%	0.008	0.020
Pittsburg	2	ROW 12237	ROW Opportunity	8.69	4.66	54%	0.001	0.020
Pittsburg	2	Parcel 372224	Regional Opportunity	0.54	0.37	69%	0.010	0.020
Pittsburg	2	Parcel 355971	Parcel-Based Opportunity	0.38	0.12	32%	0.012	0.020
Pittsburg	2	Parcel 364979	Parcel-Based Opportunity	10.21	5.56	54%	0.001	0.020
Pittsburg	2	Parcel 367368	Parcel-Based Opportunity	11.66	4.87	42%	0.001	0.020
Pittsburg	2	ROW 1520	ROW Opportunity	2.90	1.59	55%	0.002	0.019
Pittsburg	2	ROW 3686	ROW Opportunity	2.00	0.51	26%	0.003	0.019
Pittsburg	2	ROW 6221	ROW Opportunity	1.24	0.79	64%	0.005	0.019
Pittsburg	2	ROW 8940	ROW Opportunity	6.24	4.08	65%	0.001	0.019
Pittsburg	2	ROW 20795	ROW Opportunity	3.72	2.00	54%	0.002	0.018
Pittsburg	2	ROW 14011	ROW Opportunity	0.79	0.44	56%	0.006	0.018
Pittsburg	2	ROW 5463	ROW Opportunity	0.90	0.54	60%	0.006	0.018
Pittsburg	2	ROW 6045	ROW Opportunity	0.75	0.42	56%	0.007	0.018
Pittsburg	2	ROW 11370	ROW Opportunity	0.33	0.21	64%	0.013	0.017
Pittsburg	2	ROW 11603	ROW Opportunity	1.42	0.34	24%	0.003	0.017
Pittsburg	2	ROW 14658	ROW Opportunity	5.25	3.04	58%	0.001	0.017
Pittsburg	2	ROW 20383	ROW Opportunity	5.64	3.31	59%	0.001	0.017
Pittsburg	2	ROW 21083	ROW Opportunity	7.55	4.13	55%	0.001	0.017
Pittsburg	2	ROW 4764	ROW Opportunity	1.16	0.71	61%	0.005	0.017
Pittsburg	2	ROW 5824	ROW Opportunity	2.16	1.07	50%	0.003	0.017
Pittsburg	2	Parcel 374571	Regional Opportunity	0.54	0.38	70%	0.009	0.017
Pittsburg	2	Parcel 372393	Regional Opportunity	0.60	0.37	62%	0.008	0.017
Pittsburg	2	Parcel 348698	Regional Opportunity	0.48	0.40	83%	0.010	0.017
Pittsburg	2	ROW 13380	ROW Opportunity	0.48	0.23	48%	0.009	0.016
Pittsburg	2	ROW 17388	ROW Opportunity	1.59	0.88	55%	0.003	0.016
Pittsburg	2	ROW 5853	ROW Opportunity	1.28	0.74	58%	0.004	0.016
Pittsburg	2	ROW 6194	ROW Opportunity	2.19	1.29	59%	0.002	0.016
Pittsburg	2	ROW 6238	ROW Opportunity	0.61	0.36	59%	0.007	0.016
Pittsburg	2	Parcel 359451	Parcel-Based Opportunity	11.40	4.60	40%	0.001	0.016
Pittsburg	2	Parcel 364198	Parcel-Based Opportunity	10.22	3.89	38%	0.001	0.016
Pittsburg	2	ROW 17358	ROW Opportunity	6.93	3.73	54%	0.001	0.015
Pittsburg	2	ROW 3583	ROW Opportunity	6.04	3.35	55%	0.001	0.015
Pittsburg	2	ROW 6223	ROW Opportunity	2.68	1.66	62%	0.002	0.015
Pittsburg	2	ROW 9712	ROW Opportunity	6.85	3.87	56%	0.001	0.015
Pittsburg	2	ROW 9726	ROW Opportunity	6.75	3.66	54%	0.001	0.015
Pittsburg	2	Parcel 349343	Regional Opportunity	1.12	0.32	29%	0.004	0.015
Pittsburg	2	ROW 11832	ROW Opportunity	1.52	0.86	57%	0.003	0.014
Pittsburg	2	ROW 11900	ROW Opportunity	3.22	1.71	53%	0.002	0.014
Pittsburg	2	ROW 17755	ROW Opportunity	3.00	1.60	53%	0.002	0.014
Pittsburg	2	Parcel 368854	Parcel-Based Opportunity	0.36	0.31	86%	0.010	0.014
Pittsburg	2	ROW 11357	ROW Opportunity	3.17	1.95	62%	0.002	0.013
Pittsburg	2	ROW 12433	ROW Opportunity	6.02	3.27	54%	0.001	0.013
Pittsburg	2	ROW 1329	ROW Opportunity	8.23	4.37	53%	0.001	0.013
Pittsburg	2	planned 431	Planned Unlined Bioretention	0.48	0.31	65%	0.008	0.013
Pittsburg	2	Parcel 371237	Parcel-Based Opportunity	0.43	0.30	70%	0.009	0.013
Pittsburg	2	Parcel 361603	Parcel-Based Opportunity	0.48	0.31	65%	0.008	0.013
Pittsburg	2	Parcel 351110	Parcel-Based Opportunity	107.94	43.80	41%	0.000	0.013
Pittsburg	2	Parcel 358978	Parcel-Based Opportunity	0.25	0.18	72%	0.013	0.013
Pittsburg	2	ROW 10175	ROW Opportunity	6.76	3.47	51%	0.001	0.012
Pittsburg	2	ROW 12638	ROW Opportunity	0.12	0.07	58%	0.025	0.012
Pittsburg	2	ROW 15237	ROW Opportunity	2.52	1.28	51%	0.002	0.012
Pittsburg	2	ROW 20371	ROW Opportunity	5.02	3.02	60%	0.001	0.012
Pittsburg	2	ROW 20374	ROW Opportunity	3.94	2.27	58%	0.001	0.012
Pittsburg	2	ROW 20402	ROW Opportunity	3.81	2.21	58%	0.001	0.012
Pittsburg	2	ROW 20411	ROW Opportunity	4.81	2.95	61%	0.001	0.012
Pittsburg	2	ROW 20801	ROW Opportunity	3.20	1.94	61%	0.002	0.012
Pittsburg	2	ROW 5843	ROW Opportunity	5.08	3.01	59%	0.001	0.012
Pittsburg	2	ROW 6299	ROW Opportunity	5.53	2.99	54%	0.001	0.012
Pittsburg	2	ROW 6474	ROW Opportunity	3.61	1.94	54%	0.001	0.012
Pittsburg	2	Parcel 372099	Parcel-Based Opportunity	0.41	0.26	63%	0.008	0.012
Pittsburg	2	ROW 1196	ROW Opportunity	1.56	0.85	54%	0.002	0.011
Pittsburg	2	ROW 14319	ROW Opportunity	5.30	2.79	53%	0.001	0.011
Pittsburg	2	ROW 15497	ROW Opportunity	0.90	0.77	86%	0.004	0.011
Pittsburg	2	ROW 16028	ROW Opportunity	5.20	2.77	53%	0.001	0.011
Pittsburg	2	ROW 2952	ROW Opportunity	5.23	2.80	54%	0.001	0.011
Pittsburg	2	ROW 9735	ROW Opportunity	4.76	2.79	59%	0.001	0.011
Pittsburg	2	Parcel 353346	Parcel-Based Opportunity	7.56	2.47	33%	0.001	0.011
Pittsburg	2	ROW 1165	ROW Opportunity	4.72	2.45	52%	0.001	0.010
Pittsburg	2	ROW 12867	ROW Opportunity	0.70	0.47	67%	0.004	0.010
Pittsburg	2	ROW 13887	ROW Opportunity	2.43	1.42	58%	0.002	0.010
Pittsburg	2	ROW 15076	ROW Opportunity	9.04	4.91	54%	0.000	0.010
Pittsburg	2	ROW 16855	ROW Opportunity	4.74	2.54	54%	0.001	0.010
Pittsburg	2	ROW 18551	ROW Opportunity	4.33	2.37	55%	0.001	0.010
Pittsburg	2	ROW 20409	ROW Opportunity	3.61	2.22	61%	0.001	0.010
Pittsburg	2	ROW 21513	ROW Opportunity	0.70	0.42	60%	0.004	0.010

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Pittsburg	2	ROW 3332	ROW Opportunity	0.46	0.24	52%	0.006	0.010
Pittsburg	2	ROW 7648	ROW Opportunity	1.98	1.11	56%	0.002	0.010
Pleasant Hill	2	Parcel 149659	Parcel-Based Opportunity	4.69	2.66	57%	0.032	0.628
Pleasant Hill	2	ROW 19233	ROW Opportunity	3.15	2.26	72%	0.039	0.523
Pleasant Hill	2	Parcel 154099	Regional Opportunity	2.85	1.61	56%	0.031	0.380
Pleasant Hill	2	ROW 4670	ROW Opportunity	17.32	8.32	48%	0.005	0.280
Pleasant Hill	2	ROW 19166	ROW Opportunity	30.21	13.52	45%	0.003	0.239
Pleasant Hill	2	Parcel 198405	Parcel-Based Opportunity	96.46	48.68	50%	0.001	0.203
Pleasant Hill	2	Parcel 181521	Parcel-Based Opportunity	9.56	4.74	50%	0.006	0.193
Pleasant Hill	2	ROW 2970	ROW Opportunity	9.37	5.99	64%	0.006	0.181
Pleasant Hill	2	ROW 9267	ROW Opportunity	3.52	1.89	54%	0.013	0.171
Pleasant Hill	2	ROW 20243	ROW Opportunity	2.99	1.93	65%	0.013	0.148
Pleasant Hill	2	ROW 12076	ROW Opportunity	2.33	1.37	59%	0.012	0.111
Pleasant Hill	2	ROW 8317	ROW Opportunity	12.17	5.45	45%	0.003	0.111
Pleasant Hill	2	ROW 15010	ROW Opportunity	21.53	8.73	41%	0.002	0.110
Pleasant Hill	2	ROW 4673	ROW Opportunity	4.72	2.27	48%	0.006	0.103
Pleasant Hill	2	ROW 4671	ROW Opportunity	5.14	2.67	52%	0.006	0.098
Pleasant Hill	2	Parcel 150985	Regional Opportunity	0.77	0.41	53%	0.030	0.098
Pleasant Hill	2	Parcel 161733	Parcel-Based Opportunity	3.53	2.11	60%	0.008	0.094
Pleasant Hill	2	Parcel 142700	Parcel-Based Opportunity	3.60	2.10	58%	0.007	0.093
Pleasant Hill	2	ROW 17670	ROW Opportunity	6.18	3.50	57%	0.004	0.084
Pleasant Hill	2	ROW 5047	ROW Opportunity	3.17	1.88	59%	0.007	0.084
Pleasant Hill	2	ROW 13734	ROW Opportunity	8.72	3.90	45%	0.003	0.079
Pleasant Hill	2	Parcel 186000	Parcel-Based Opportunity	4.15	1.73	42%	0.005	0.079
Pleasant Hill	2	Parcel 185324	Parcel-Based Opportunity	4.04	1.69	42%	0.005	0.077
Pleasant Hill	2	ROW 12853	ROW Opportunity	4.72	2.76	58%	0.005	0.072
Pleasant Hill	2	ROW 2494	ROW Opportunity	14.34	6.19	43%	0.002	0.072
Pleasant Hill	2	ROW 6872	ROW Opportunity	1.64	0.99	60%	0.012	0.072
Pleasant Hill	2	ROW 6671	ROW Opportunity	3.95	1.92	49%	0.005	0.067
Pleasant Hill	2	ROW 13220	ROW Opportunity	3.76	2.25	60%	0.005	0.062
Pleasant Hill	2	Parcel 189822	Parcel-Based Opportunity	26.23	15.34	58%	0.001	0.061
Pleasant Hill	2	ROW 4672	ROW Opportunity	2.09	1.06	51%	0.008	0.060
Pleasant Hill	2	Parcel 173214	Regional Opportunity	2.92	1.24	42%	0.006	0.059
Pleasant Hill	2	ROW 4280	ROW Opportunity	2.43	1.23	51%	0.007	0.058
Pleasant Hill	2	ROW 4377	ROW Opportunity	9.02	4.33	48%	0.002	0.056
Pleasant Hill	2	ROW 5054	ROW Opportunity	2.66	1.53	58%	0.006	0.055
Pleasant Hill	2	planned 143	Planned Water Quality Basin	38.26	17.06	45%	0.001	0.054
Pleasant Hill	2	Parcel 146724	Parcel-Based Opportunity	30.26	12.96	43%	0.001	0.053
Pleasant Hill	2	Parcel 155831	Regional Opportunity	1.32	1.23	93%	0.011	0.053
Pleasant Hill	2	ROW 19602	ROW Opportunity	1.97	1.24	63%	0.007	0.047
Pleasant Hill	2	ROW 8079	ROW Opportunity	14.00	3.93	28%	0.001	0.045
Pleasant Hill	2	ROW 8193	ROW Opportunity	9.91	3.96	40%	0.002	0.045
Pleasant Hill	2	ROW 13735	ROW Opportunity	2.08	1.04	50%	0.006	0.040
Pleasant Hill	2	ROW 13554	ROW Opportunity	6.29	2.86	45%	0.002	0.039
Pleasant Hill	2	Parcel 142400	Regional Opportunity	1.85	0.83	45%	0.006	0.039
Pleasant Hill	2	ROW 14564	ROW Opportunity	7.82	3.13	40%	0.002	0.035
Pleasant Hill	2	Parcel 185980	Regional Opportunity	1.25	0.79	63%	0.008	0.035
Pleasant Hill	2	ROW 17048	ROW Opportunity	1.65	0.76	46%	0.006	0.034
Pleasant Hill	2	ROW 7753	ROW Opportunity	3.18	1.28	40%	0.003	0.034
Pleasant Hill	2	ROW 9560	ROW Opportunity	0.50	0.19	38%	0.017	0.034
Pleasant Hill	2	Parcel 131105	Regional Opportunity	1.45	0.72	50%	0.007	0.034
Pleasant Hill	2	Parcel 185990	Regional Opportunity	1.68	0.71	42%	0.005	0.032
Pleasant Hill	2	ROW 11390	ROW Opportunity	7.82	3.29	42%	0.002	0.031
Pleasant Hill	2	ROW 9880	ROW Opportunity	3.49	1.47	42%	0.003	0.029
Pleasant Hill	2	ROW 13741	ROW Opportunity	1.00	0.63	63%	0.008	0.028
Pleasant Hill	2	Parcel 156974	Parcel-Based Opportunity	9.89	3.33	34%	0.001	0.028
Pleasant Hill	2	ROW 13736	ROW Opportunity	4.01	1.82	45%	0.002	0.027
Pleasant Hill	2	ROW 19478	ROW Opportunity	1.79	0.76	42%	0.004	0.027
Pleasant Hill	2	ROW 6668	ROW Opportunity	4.38	1.90	43%	0.002	0.027
Pleasant Hill	2	Parcel 149937	Regional Opportunity	2.29	1.03	45%	0.004	0.026
Pleasant Hill	2	Parcel 187984	Parcel-Based Opportunity	23.59	5.41	23%	0.000	0.024
Pleasant Hill	2	Parcel 131108	Regional Opportunity	0.82	0.54	66%	0.008	0.024
Pleasant Hill	2	ROW 20206	ROW Opportunity	11.06	5.11	46%	0.001	0.023
Pleasant Hill	2	ROW 2045	ROW Opportunity	2.31	1.12	48%	0.003	0.022
Pleasant Hill	2	ROW 4500	ROW Opportunity	3.13	1.84	59%	0.003	0.022
Pleasant Hill	2	ROW 6670	ROW Opportunity	1.70	0.79	46%	0.004	0.022
Pleasant Hill	2	ROW 11085	ROW Opportunity	3.49	1.68	48%	0.002	0.021
Pleasant Hill	2	ROW 12762	ROW Opportunity	3.17	1.40	44%	0.002	0.021
Pleasant Hill	2	ROW 287	ROW Opportunity	1.37	0.44	32%	0.004	0.021
Pleasant Hill	2	ROW 4178	ROW Opportunity	7.46	3.16	42%	0.001	0.020
Pleasant Hill	2	Parcel 168841	Regional Opportunity	0.97	0.44	45%	0.006	0.020
Pleasant Hill	2	ROW 17703	ROW Opportunity	4.38	1.92	44%	0.002	0.019
Pleasant Hill	2	ROW 15029	ROW Opportunity	3.85	1.58	41%	0.002	0.019
Pleasant Hill	2	ROW 5754	ROW Opportunity	1.34	0.80	60%	0.004	0.019
Pleasant Hill	2	ROW 12009	ROW Opportunity	2.27	1.14	50%	0.003	0.018
Pleasant Hill	2	ROW 17057	ROW Opportunity	2.52	1.13	45%	0.002	0.018
Pleasant Hill	2	ROW 4611	ROW Opportunity	0.64	0.40	63%	0.008	0.018
Pleasant Hill	2	ROW 4886	ROW Opportunity	1.05	0.56	53%	0.005	0.018
Pleasant Hill	2	ROW 6669	ROW Opportunity	1.68	0.82	49%	0.003	0.018
Pleasant Hill	2	Parcel 167223	Parcel-Based Opportunity	10.92	4.29	39%	0.001	0.018
Pleasant Hill	2	ROW 15355	ROW Opportunity	0.64	0.38	59%	0.008	0.017
Pleasant Hill	2	ROW 15358	ROW Opportunity	3.11	1.40	45%	0.002	0.017
Pleasant Hill	2	Parcel 155751	Regional Opportunity	1.57	0.26	17%	0.003	0.017
Pleasant Hill	2	ROW 11244	ROW Opportunity	6.29	2.71	43%	0.001	0.016
Pleasant Hill	2	ROW 12046	ROW Opportunity	9.42	3.82	41%	0.001	0.016
Pleasant Hill	2	ROW 1343	ROW Opportunity	1.63	0.72	44%	0.003	0.016
Pleasant Hill	2	ROW 3210	ROW Opportunity	7.82	3.31	42%	0.001	0.016
Pleasant Hill	2	ROW 533	ROW Opportunity	2.07	0.90	43%	0.003	0.016
Pleasant Hill	2	Parcel 155321	Regional Opportunity	0.56	0.36	64%	0.008	0.016
Pleasant Hill	2	ROW 5966	ROW Opportunity	3.55	1.52	43%	0.002	0.015
Pleasant Hill	2	ROW 5767	ROW Opportunity	2.66	1.19	45%	0.002	0.015
Pleasant Hill	2	Parcel 178916	Parcel-Based Opportunity	3.76	2.58	69%	0.002	0.015
Pleasant Hill	2	ROW 13223	ROW Opportunity	1.24	0.62	50%	0.004	0.014
Pleasant Hill	2	ROW 1583	ROW Opportunity	0.88	0.41	47%	0.005	0.014

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Pleasant Hill	2	planned 144	Planned Unlined Swale	13.98	6.95	50%	0.000	0.014
Pleasant Hill	2	planned 145	Planned Unlined Swale	13.97	6.95	50%	0.000	0.014
Pleasant Hill	2	planned 146	Planned Unlined Bioretention	13.97	6.95	50%	0.000	0.014
Pleasant Hill	2	ROW 1578	ROW Opportunity	0.11	0.06	55%	0.028	0.013
Pleasant Hill	2	ROW 21619	ROW Opportunity	0.42	0.30	71%	0.009	0.013
Pleasant Hill	2	ROW 9265	ROW Opportunity	3.88	1.63	42%	0.001	0.013
Pleasant Hill	2	ROW 9827	ROW Opportunity	0.83	0.55	66%	0.005	0.013
Pleasant Hill	2	ROW 16415	ROW Opportunity	6.78	2.96	44%	0.001	0.012
Pleasant Hill	2	ROW 19765	ROW Opportunity	5.47	2.26	41%	0.001	0.012
Pleasant Hill	2	ROW 20458	ROW Opportunity	1.53	0.73	48%	0.003	0.012
Pleasant Hill	2	ROW 20779	ROW Opportunity	1.73	0.65	38%	0.002	0.012
Pleasant Hill	2	ROW 5601	ROW Opportunity	2.26	1.12	50%	0.002	0.012
Pleasant Hill	2	Parcel 160193	Parcel-Based Opportunity	7.87	2.98	38%	0.001	0.012
Pleasant Hill	2	ROW 20849	ROW Opportunity	6.60	2.63	40%	0.001	0.011
Pleasant Hill	2	ROW 4526	ROW Opportunity	1.86	0.90	48%	0.002	0.011
Pleasant Hill	2	ROW 5980	ROW Opportunity	2.92	1.23	42%	0.002	0.011
Pleasant Hill	2	ROW 6634	ROW Opportunity	6.62	2.81	42%	0.001	0.011
Pleasant Hill	2	Parcel 156885	Regional Opportunity	1.48	0.76	51%	0.003	0.011
Pleasant Hill	2	Parcel 140820	Parcel-Based Opportunity	6.41	2.61	41%	0.001	0.011
Pleasant Hill	2	ROW 1108	ROW Opportunity	6.39	2.49	39%	0.001	0.010
Pleasant Hill	2	ROW 18658	ROW Opportunity	4.86	2.26	47%	0.001	0.010
Pleasant Hill	2	ROW 4523	ROW Opportunity	0.73	0.35	48%	0.004	0.010
Pleasant Hill	2	ROW 5248	ROW Opportunity	3.52	1.52	43%	0.001	0.010
Pleasant Hill	2	Parcel 176573	Parcel-Based Opportunity	4.87	2.62	54%	0.001	0.010
Pleasant Hill	2	Parcel 165486	Parcel-Based Opportunity	11.72	2.14	18%	0.000	0.010
Pleasant Hill	2	Parcel 182562	Parcel-Based Opportunity	5.49	2.50	46%	0.001	0.010
Richmond	2	ROW 20822	ROW Opportunity	39.83	15.26	38%	0.035	5.536
Richmond	2	Parcel 129049	Parcel-Based Opportunity	22.09	16.69	76%	0.043	3.838
Richmond	2	Parcel 127810	Parcel-Based Opportunity	42.57	8.26	19%	0.018	3.037
Richmond	2	ROW 3504	ROW Opportunity	23.46	15.79	67%	0.030	2.744
Richmond	2	ROW 7696	ROW Opportunity	16.17	10.80	67%	0.034	2.163
Richmond	2	Parcel 123788	Parcel-Based Opportunity	11.85	7.18	61%	0.042	1.971
Richmond	2	Parcel 120807	Parcel-Based Opportunity	9.67	6.99	72%	0.049	1.882
Richmond	2	Parcel 124519	Parcel-Based Opportunity	19.03	5.78	30%	0.024	1.772
Richmond	2	GIP 00492 / ROW 8576	ROW Opportunity (aspirational)	15.12	9.82	65%	0.028	1.643
Richmond	2	GIP 00339 / planned 485	Parcel-Based Opportunity (aspirational)	17.80	11.62	65%	0.022	1.526
Richmond	2	ROW 11830	ROW Opportunity	12.26	7.59	62%	0.029	1.377
Richmond	2	GIP 00340 / planned 175	Parcel-Based Opportunity (aspirational)	12.22	6.77	55%	0.026	1.248
Richmond	2	planned 499	Planned Creek/Marsh Restoration	14.17	5.11	36%	0.022	1.243
Richmond	2	Parcel 128990	Parcel-Based Opportunity	6.86	5.17	75%	0.043	1.191
Richmond	2	Parcel 125155	Parcel-Based Opportunity	6.08	4.04	66%	0.047	1.137
Richmond	2	Parcel 163241	Parcel-Based Opportunity	7.34	4.87	66%	0.038	1.127
Richmond	2	ROW 13188	ROW Opportunity	10.46	6.45	62%	0.026	1.046
Richmond	2	GIP 00338 / planned 469	Parcel-Based Opportunity (aspirational)	7.99	4.10	51%	0.030	0.967
Richmond	2	ROW 7811	ROW Opportunity	7.27	4.20	58%	0.031	0.908
Richmond	2	ROW 21445	ROW Opportunity	6.74	4.73	70%	0.034	0.902
Richmond	2	ROW 20428	ROW Opportunity	8.97	5.45	61%	0.026	0.897
Richmond	2	ROW 16598	ROW Opportunity	5.68	3.88	68%	0.038	0.858
Richmond	2	ROW 13906	ROW Opportunity	10.89	7.33	67%	0.021	0.852
Richmond	2	ROW 20478	ROW Opportunity	5.90	3.53	60%	0.035	0.838
Richmond	2	ROW 15751	ROW Opportunity	5.55	3.33	60%	0.037	0.817
Richmond	2	ROW 2597	ROW Opportunity	6.82	3.55	52%	0.030	0.815
Richmond	2	ROW 12288	ROW Opportunity	4.84	3.24	67%	0.039	0.758
Richmond	2	Parcel 170010	Parcel-Based Opportunity	4.52	3.14	69%	0.041	0.737
Richmond	2	ROW 10536	ROW Opportunity	4.37	2.57	59%	0.042	0.735
Richmond	2	Parcel 113348	Parcel-Based Opportunity	6.69	1.91	29%	0.028	0.694
Richmond	2	ROW 11839	ROW Opportunity	4.37	2.51	57%	0.039	0.691
Richmond	2	ROW 3732	ROW Opportunity	5.46	4.24	78%	0.032	0.685
Richmond	2	ROW 16560	ROW Opportunity	3.78	2.59	69%	0.044	0.672
Richmond	2	ROW 6855	ROW Opportunity	3.69	2.65	72%	0.041	0.607
Richmond	2	ROW 8567	ROW Opportunity	3.74	2.04	55%	0.040	0.601
Richmond	2	ROW 14144	ROW Opportunity	3.21	2.59	81%	0.045	0.587
Richmond	2	ROW 11498	ROW Opportunity	21.21	14.65	69%	0.008	0.577
Richmond	2	ROW 3742	ROW Opportunity	3.63	2.47	68%	0.039	0.577
Richmond	2	GIP 00482 / ROW 5241	ROW Opportunity (aspirational)	21.59	14.60	68%	0.008	0.574
Richmond	2	ROW 18209	ROW Opportunity	3.51	2.46	70%	0.040	0.567
Richmond	2	ROW 15876	ROW Opportunity	5.16	2.25	44%	0.027	0.566
Richmond	2	ROW 17007	ROW Opportunity	3.15	1.90	60%	0.043	0.546
Richmond	2	ROW 8889	ROW Opportunity	7.45	5.28	71%	0.020	0.542
Richmond	2	Parcel 118976	Parcel-Based Opportunity	7.69	1.60	21%	0.017	0.536
Richmond	2	ROW 20886	ROW Opportunity	2.41	1.89	78%	0.053	0.513
Richmond	2	ROW 15749	ROW Opportunity	4.75	2.94	62%	0.027	0.506
Richmond	2	ROW 16532	ROW Opportunity	3.19	2.11	66%	0.039	0.499
Richmond	2	ROW 7809	ROW Opportunity	11.56	3.25	28%	0.011	0.495
Richmond	2	Parcel 114973	Regional Opportunity	2.84	1.61	57%	0.042	0.471
Richmond	2	ROW 18134	ROW Opportunity	3.07	1.56	51%	0.038	0.468
Richmond	2	ROW 8456	ROW Opportunity	2.87	1.60	56%	0.040	0.458
Richmond	2	ROW 17719	ROW Opportunity	2.63	1.56	59%	0.042	0.446
Richmond	2	ROW 15166	ROW Opportunity	2.88	1.95	68%	0.038	0.445
Richmond	2	ROW 6827	ROW Opportunity	2.89	2.10	73%	0.037	0.429
Richmond	2	ROW 12287	ROW Opportunity	2.82	1.98	70%	0.038	0.424
Richmond	2	ROW 1670	ROW Opportunity	19.48	13.28	68%	0.007	0.422
Richmond	2	ROW 14670	ROW Opportunity	3.12	1.33	43%	0.033	0.411
Richmond	2	Parcel 159148	Regional Opportunity	2.48	1.76	71%	0.041	0.407
Richmond	2	ROW 6275	ROW Opportunity	3.46	1.24	36%	0.029	0.402
Richmond	2	ROW 1342	ROW Opportunity	12.99	5.89	45%	0.009	0.401
Richmond	2	ROW 16455	ROW Opportunity	2.53	1.71	68%	0.038	0.384
Richmond	2	GIP 00357 / Parcel 152787	Regional Opportunity (aspirational)	2.53	1.64	65%	0.037	0.380
Richmond	2	ROW 4530	ROW Opportunity	3.12	1.81	58%	0.030	0.380
Richmond	2	Parcel 171579	Parcel-Based Opportunity	3.65	2.87	79%	0.027	0.380
Richmond	2	ROW 4590	ROW Opportunity	2.11	1.33	63%	0.044	0.377
Richmond	2	ROW 20441	ROW Opportunity	5.49	3.04	55%	0.018	0.374
Richmond	2	GIP 00335 / planned 491	Parcel-Based Opportunity (aspirational)	3.12	1.99	64%	0.030	0.369
Richmond	2	ROW 16485	ROW Opportunity	2.63	1.92	73%	0.035	0.369



Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Richmond	2	ROW 11379	ROW Opportunity	2.04	1.65	81%	0.045	0.368
Richmond	2	ROW 15485	ROW Opportunity	2.06	1.37	67%	0.044	0.363
Richmond	2	ROW 355	ROW Opportunity	2.64	1.88	71%	0.034	0.354
Richmond	2	ROW 3738	ROW Opportunity	2.58	1.82	71%	0.034	0.346
Richmond	2	Parcel 114963	Parcel-Based Opportunity	4.22	1.02	24%	0.021	0.345
Richmond	2	ROW 1767	ROW Opportunity	1.96	1.18	60%	0.044	0.343
Richmond	2	Parcel 153008	Parcel-Based Opportunity	10.59	7.84	74%	0.010	0.340
Richmond	2	Parcel 126231	Regional Opportunity	1.65	1.47	89%	0.050	0.334
Richmond	2	ROW 14678	ROW Opportunity	6.678	4.45	67%	0.014	0.333
Richmond	2	ROW 15193	ROW Opportunity	6.84	4.72	69%	0.014	0.333
Richmond	2	ROW 15752	ROW Opportunity	2.85	1.93	68%	0.029	0.328
Richmond	2	ROW 16472	ROW Opportunity	2.17	1.54	71%	0.037	0.324
Richmond	2	ROW 15877	ROW Opportunity	4.92	2.81	57%	0.017	0.323
Richmond	2	ROW 9595	ROW Opportunity	2.77	2.08	75%	0.029	0.312
Richmond	2	ROW 3292	ROW Opportunity	2.05	1.67	81%	0.038	0.305
Richmond	2	ROW 3744	ROW Opportunity	3.85	2.44	63%	0.020	0.299
Richmond	2	planned 487	Planned Unlined Bioretention	22.60	15.02	66%	0.005	0.296
Richmond	2	ROW 17305	ROW Opportunity	1.92	0.98	51%	0.038	0.294
Richmond	2	planned 496	Planned Creek/Marsh Restoration	3.90	2.25	58%	0.020	0.294
Richmond	2	GIP 00336 / planned 479	Parcel-Based Opportunity (aspirational)	12.83	8.77	68%	0.007	0.291
Richmond	2	ROW 333	ROW Opportunity	9.12	6.07	67%	0.009	0.290
Richmond	2	ROW 3883	ROW Opportunity	8.72	5.79	66%	0.010	0.282
Richmond	2	ROW 6859	ROW Opportunity	2.12	0.59	28%	0.033	0.279
Richmond	2	ROW 9722	ROW Opportunity	1.69	1.17	69%	0.041	0.276
Richmond	2	ROW 16528	ROW Opportunity	2.22	1.27	57%	0.031	0.274
Richmond	2	Parcel 115416	Regional Opportunity	1.53	0.93	61%	0.044	0.270
Richmond	2	ROW 17316	ROW Opportunity	1.73	0.90	52%	0.039	0.268
Richmond	2	ROW 12193	ROW Opportunity	5.91	4.11	70%	0.013	0.264
Richmond	2	ROW 7332	ROW Opportunity	1.62	1.25	77%	0.041	0.263
Richmond	2	ROW 11831	ROW Opportunity	1.49	1.14	77%	0.044	0.262
Richmond	2	ROW 6828	ROW Opportunity	1.71	1.18	69%	0.038	0.261
Richmond	2	Parcel 167791	Parcel-Based Opportunity	3.42	2.71	79%	0.020	0.261
Richmond	2	ROW 12952	ROW Opportunity	3.16	1.44	46%	0.021	0.259
Richmond	2	ROW 12328	ROW Opportunity	2.62	0.81	31%	0.024	0.258
Richmond	2	ROW 14807	ROW Opportunity	2.63	1.88	71%	0.026	0.255
Richmond	2	ROW 156	ROW Opportunity	4.72	3.23	68%	0.015	0.255
Richmond	2	ROW 13420	ROW Opportunity	5.29	3.71	70%	0.013	0.252
Richmond	2	ROW 6274	ROW Opportunity	4.20	2.48	59%	0.016	0.252
Richmond	2	ROW 16487	ROW Opportunity	1.47	1.09	74%	0.042	0.249
Richmond	2	ROW 9163	ROW Opportunity	3.60	2.25	63%	0.018	0.245
Richmond	2	planned 495	Planned Water Quality Basin	1.91	1.10	58%	0.032	0.242
Richmond	2	ROW 15892	ROW Opportunity	14.20	7.48	53%	0.005	0.239
Richmond	2	ROW 1795	ROW Opportunity	1.37	1.03	75%	0.044	0.239
Richmond	2	ROW 18184	ROW Opportunity	1.61	0.80	50%	0.037	0.238
Richmond	2	Parcel 116238	Parcel-Based Opportunity	1.29	0.82	64%	0.045	0.234
Richmond	2	ROW 11883	ROW Opportunity	1.42	0.98	69%	0.041	0.231
Richmond	2	planned 497	Planned Creek/Marsh Restoration	1.59	0.97	61%	0.036	0.230
Richmond	2	ROW 1792	ROW Opportunity	1.33	0.97	73%	0.043	0.226
Richmond	2	ROW 6971	ROW Opportunity	1.62	1.15	71%	0.035	0.224
Richmond	2	ROW 18110	ROW Opportunity	2.22	1.56	70%	0.026	0.223
Richmond	2	ROW 16442	ROW Opportunity	3.16	0.67	21%	0.017	0.220
Richmond	2	ROW 18395	ROW Opportunity	2.05	0.89	43%	0.026	0.213
Richmond	2	ROW 16535	ROW Opportunity	2.13	1.38	65%	0.025	0.211
Richmond	2	ROW 15167	ROW Opportunity	1.76	1.21	69%	0.030	0.211
Richmond	2	ROW 16436	ROW Opportunity	1.97	1.36	69%	0.027	0.211
Richmond	2	ROW 16488	ROW Opportunity	1.32	0.96	73%	0.039	0.209
Richmond	2	Parcel 110613	Regional Opportunity	1.25	0.72	58%	0.041	0.209
Richmond	2	ROW 17259	ROW Opportunity	1.63	0.69	42%	0.032	0.207
Richmond	2	ROW 15285	ROW Opportunity	1.06	0.71	67%	0.048	0.205
Richmond	2	ROW 1765	ROW Opportunity	1.21	0.71	59%	0.042	0.204
Richmond	2	ROW 863	ROW Opportunity	1.39	0.86	62%	0.036	0.204
Richmond	2	ROW 16441	ROW Opportunity	2.29	1.59	69%	0.023	0.202
Richmond	2	planned 531	Planned Water Quality Basin	75.78	38.92	51%	0.001	0.202
Richmond	2	ROW 5443	ROW Opportunity	1.01	0.88	87%	0.049	0.200
Richmond	2	ROW 4125	ROW Opportunity	2.29	1.49	65%	0.022	0.197
Richmond	2	Parcel 111210	Regional Opportunity	1.27	0.90	71%	0.040	0.197
Richmond	2	ROW 6857	ROW Opportunity	1.59	0.64	40%	0.031	0.196
Richmond	2	ROW 1468	ROW Opportunity	2.21	1.56	71%	0.023	0.196
Richmond	2	ROW 13349	ROW Opportunity	1.13	0.84	74%	0.043	0.195
Richmond	2	ROW 14518	ROW Opportunity	1.76	1.15	65%	0.028	0.195
Richmond	2	ROW 1731	ROW Opportunity	1.11	0.83	75%	0.043	0.193
Richmond	2	ROW 3731	ROW Opportunity	1.22	0.82	67%	0.040	0.191
Richmond	2	Parcel 162407	Regional Opportunity	1.21	0.82	68%	0.039	0.190
Richmond	2	ROW 289	ROW Opportunity	1.43	0.78	55%	0.033	0.188
Richmond	2	ROW 1770	ROW Opportunity	8.43	5.33	63%	0.007	0.187
Richmond	2	ROW 15757	ROW Opportunity	1.18	0.64	54%	0.039	0.186
Richmond	2	GIP 00295 / planned 534	Parcel-Based Opportunity (aspirational)	2.20	1.33	60%	0.022	0.183
Richmond	2	ROW 318	ROW Opportunity	2.13	1.41	66%	0.022	0.183
Richmond	2	ROW 11890	ROW Opportunity	0.99	0.79	80%	0.046	0.181
Richmond	2	Parcel 134412	Parcel-Based Opportunity	4.34	3.50	81%	0.012	0.181
Richmond	2	Parcel 198059	Parcel-Based Opportunity	6.65	3.60	54%	0.008	0.180
Richmond	2	ROW 17324	ROW Opportunity	1.23	0.80	65%	0.036	0.178
Richmond	2	ROW 2766	ROW Opportunity	1.36	0.86	63%	0.032	0.174
Richmond	2	Parcel 166327	Regional Opportunity	2.29	1.75	76%	0.020	0.174
Richmond	2	ROW 16520	ROW Opportunity	1.38	0.79	57%	0.031	0.171
Richmond	2	ROW 16913	ROW Opportunity	16.07	8.93	56%	0.004	0.171
Richmond	2	ROW 15468	ROW Opportunity	1.02	0.75	74%	0.042	0.170
Richmond	2	ROW 17298	ROW Opportunity	0.91	0.59	65%	0.046	0.169
Richmond	2	ROW 161	ROW Opportunity	1.86	1.31	70%	0.024	0.169
Richmond	2	Parcel 169252	Regional Opportunity	1.01	0.72	71%	0.042	0.169
Richmond	2	ROW 1749	ROW Opportunity	0.97	0.72	74%	0.044	0.168
Richmond	2	ROW 16840	ROW Opportunity	6.87	4.81	70%	0.008	0.166
Richmond	2	ROW 14810	ROW Opportunity	0.89	0.58	65%	0.046	0.165
Richmond	2	ROW 70	ROW Opportunity	3.96	2.77	70%	0.012	0.165

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Richmond	2	ROW 20040	ROW Opportunity	2.45	1.53	62%	0.018	0.164
Richmond	2	ROW 21242	ROW Opportunity	1.27	0.83	65%	0.032	0.160
Richmond	2	Parcel 238663	Parcel-Based Opportunity	50.69	7.21	14%	0.001	0.157
Richmond	2	Parcel 169551	Parcel-Based Opportunity	3.47	2.76	80%	0.013	0.157
Richmond	2	ROW 3740	ROW Opportunity	1.92	1.15	60%	0.021	0.156
Richmond	2	ROW 16482	ROW Opportunity	1.10	0.73	66%	0.035	0.154
Richmond	2	Parcel 120883	Regional Opportunity	0.95	0.54	57%	0.040	0.154
Richmond	2	ROW 9124	ROW Opportunity	8.76	4.50	51%	0.006	0.153
Richmond	2	ROW 16456	ROW Opportunity	1.03	0.65	63%	0.037	0.151
Richmond	2	ROW 7328	ROW Opportunity	7.44	4.86	65%	0.006	0.149
Richmond	2	ROW 176	ROW Opportunity	0.99	0.68	69%	0.037	0.147
Richmond	2	Parcel 112907	Regional Opportunity	2.04	0.43	21%	0.018	0.147
Richmond	2	ROW 16976	ROW Opportunity	0.83	0.62	75%	0.044	0.145
Richmond	2	Parcel 193343	Parcel-Based Opportunity	0.62	0.27	44%	0.058	0.145
Richmond	2	ROW 20689	ROW Opportunity	0.90	0.49	54%	0.040	0.143
Richmond	2	planned 527	Planned Unlined Bioretention	4.44	3.26	73%	0.010	0.143
Richmond	2	ROW 16452	ROW Opportunity	0.92	0.62	67%	0.038	0.142
Richmond	2	ROW 1766	ROW Opportunity	0.85	0.49	58%	0.041	0.141
Richmond	2	ROW 3022	ROW Opportunity	1.28	0.85	66%	0.028	0.141
Richmond	2	ROW 173	ROW Opportunity	2.06	1.39	67%	0.018	0.140
Richmond	2	ROW 293	ROW Opportunity	4.88	3.24	66%	0.009	0.139
Richmond	2	ROW 344	ROW Opportunity	3.21	2.36	74%	0.012	0.139
Richmond	2	ROW 6305	ROW Opportunity	0.95	0.58	61%	0.036	0.138
Richmond	2	ROW 2543	ROW Opportunity	0.87	0.46	53%	0.039	0.137
Richmond	2	Parcel 144553	Parcel-Based Opportunity	4.24	3.16	75%	0.010	0.137
Richmond	2	planned 484	Planned Unlined Bioretention	3.36	2.28	68%	0.011	0.136
Richmond	2	ROW 20415	ROW Opportunity	1.09	0.78	72%	0.031	0.135
Richmond	2	ROW 11849	ROW Opportunity	4.83	3.30	68%	0.008	0.134
Richmond	2	GIP 00322 / planned 535	Parcel-Based Opportunity (aspirational)	4.59	3.21	70%	0.009	0.133
Richmond	2	ROW 10967	ROW Opportunity	0.87	0.44	51%	0.038	0.133
Richmond	2	ROW 17276	ROW Opportunity	0.72	0.47	65%	0.046	0.133
Richmond	2	Parcel 225180	Parcel-Based Opportunity	4.05	3.00	74%	0.010	0.133
Richmond	2	ROW 3965	ROW Opportunity	0.72	0.47	65%	0.046	0.132
Richmond	2	ROW 16559	ROW Opportunity	0.85	0.56	66%	0.038	0.129
Richmond	2	Parcel 172178	Parcel-Based Opportunity	3.68	2.88	78%	0.010	0.129
Richmond	2	ROW 7673	ROW Opportunity	1.89	0.92	49%	0.018	0.128
Richmond	2	ROW 9823	ROW Opportunity	0.70	0.54	77%	0.045	0.126
Richmond	2	ROW 17258	ROW Opportunity	0.77	0.43	56%	0.040	0.125
Richmond	2	ROW 16531	ROW Opportunity	3.40	2.29	67%	0.011	0.125
Richmond	2	ROW 20486	ROW Opportunity	4.18	2.56	61%	0.009	0.124
Richmond	2	ROW 17037	ROW Opportunity	4.87	3.10	64%	0.008	0.123
Richmond	2	ROW 3505	ROW Opportunity	0.88	0.62	70%	0.035	0.123
Richmond	2	Parcel 155701	Regional Opportunity	0.77	0.53	69%	0.039	0.123
Richmond	2	ROW 12830	ROW Opportunity	1.15	0.73	63%	0.027	0.121
Richmond	2	ROW 74	ROW Opportunity	2.79	1.80	65%	0.012	0.120
Richmond	2	ROW 16434	ROW Opportunity	1.25	0.88	70%	0.025	0.119
Richmond	2	ROW 6803	ROW Opportunity	1.00	0.69	69%	0.030	0.119
Richmond	2	ROW 226	ROW Opportunity	3.03	2.02	67%	0.011	0.117
Richmond	2	ROW 15830	ROW Opportunity	8.70	6.19	71%	0.005	0.115
Richmond	2	ROW 17301	ROW Opportunity	0.65	0.48	74%	0.043	0.112
Richmond	2	ROW 15989	ROW Opportunity	4.07	2.72	67%	0.008	0.112
Richmond	2	ROW 291	ROW Opportunity	0.71	0.46	65%	0.038	0.110
Richmond	2	ROW 168	ROW Opportunity	5.27	3.69	70%	0.007	0.110
Richmond	2	ROW 11622	ROW Opportunity	7.40	4.72	64%	0.005	0.109
Richmond	2	Parcel 125476	Regional Opportunity	0.74	0.37	50%	0.036	0.108
Richmond	2	ROW 11840	ROW Opportunity	0.65	0.37	57%	0.041	0.107
Richmond	2	ROW 15750	ROW Opportunity	1.48	0.80	54%	0.019	0.107
Richmond	2	ROW 4528	ROW Opportunity	1.18	0.55	47%	0.023	0.107
Richmond	2	ROW 4784	ROW Opportunity	0.68	0.50	74%	0.040	0.107
Richmond	2	ROW 16464	ROW Opportunity	3.55	2.42	68%	0.009	0.106
Richmond	2	Parcel 196459	Parcel-Based Opportunity	0.43	0.19	44%	0.058	0.101
Richmond	2	ROW 10962	ROW Opportunity	0.54	0.35	65%	0.045	0.100
Richmond	2	ROW 17311	ROW Opportunity	0.62	0.43	69%	0.040	0.100
Richmond	2	ROW 6267	ROW Opportunity	0.66	0.42	64%	0.037	0.100
Richmond	2	ROW 15881	ROW Opportunity	11.64	6.16	53%	0.003	0.097
Richmond	2	ROW 1732	ROW Opportunity	0.52	0.33	63%	0.046	0.096
Richmond	2	ROW 11062	ROW Opportunity	2.50	1.26	50%	0.011	0.096
Richmond	2	ROW 15232	ROW Opportunity	0.63	0.46	73%	0.038	0.095
Richmond	2	ROW 8095	ROW Opportunity	5.10	2.61	51%	0.006	0.095
Richmond	2	planned 463	Planned Unlined Bioretention	3.35	2.09	62%	0.008	0.095
Richmond	2	Parcel 212172	Parcel-Based Opportunity	3.35	2.09	62%	0.008	0.095
Richmond	2	Parcel 163884	Regional Opportunity	0.60	0.41	68%	0.039	0.095
Richmond	2	Parcel 129221	Regional Opportunity	0.56	0.33	59%	0.042	0.095
Richmond	2	ROW 3104	ROW Opportunity	0.60	0.46	77%	0.039	0.094
Richmond	2	ROW 5507	ROW Opportunity	0.52	0.32	62%	0.045	0.094
Richmond	2	GIP 00367 / Parcel 144341	Regional Opportunity (aspirational)	2.87	2.15	75%	0.010	0.093
Richmond	2	ROW 9164	ROW Opportunity	0.62	0.40	65%	0.037	0.093
Richmond	2	ROW 17006	ROW Opportunity	1.13	0.60	53%	0.022	0.092
Richmond	2	ROW 73	ROW Opportunity	0.59	0.40	68%	0.039	0.092
Richmond	2	ROW 11378	ROW Opportunity	3.08	1.99	65%	0.009	0.091
Richmond	2	ROW 16846	ROW Opportunity	0.61	0.44	72%	0.037	0.091
Richmond	2	ROW 187	ROW Opportunity	1.62	1.06	65%	0.015	0.091
Richmond	2	planned 199	Planned Creek/Marsh Restoration	3.43	1.93	56%	0.008	0.091
Richmond	2	ROW 17720	ROW Opportunity	0.53	0.32	60%	0.043	0.090
Richmond	2	ROW 5467	ROW Opportunity	0.76	0.29	38%	0.030	0.090
Richmond	2	ROW 16486	ROW Opportunity	0.67	0.40	60%	0.033	0.088
Richmond	2	ROW 3103	ROW Opportunity	0.47	0.38	81%	0.047	0.088
Richmond	2	ROW 254	ROW Opportunity	7.15	4.85	68%	0.004	0.088
Richmond	2	ROW 16465	ROW Opportunity	0.60	0.44	73%	0.036	0.087
Richmond	2	Parcel 119238	Parcel-Based Opportunity	3.39	1.91	56%	0.008	0.087
Richmond	2	ROW 2596	ROW Opportunity	1.62	1.11	69%	0.015	0.085
Richmond	2	ROW 5180	ROW Opportunity	0.47	0.29	62%	0.045	0.085
Richmond	2	Parcel 170769	Regional Opportunity	2.46	1.96	80%	0.010	0.085
Richmond	2	Parcel 110802	Regional Opportunity	0.82	0.25	30%	0.026	0.085

Contra Costa Countywide Attainment Strategy  
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Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Richmond	2	ROW 16552	ROW Opportunity	3.51	2.33	66%	0.007	0.084
Richmond	2	ROW 6721	ROW Opportunity	0.50	0.36	72%	0.041	0.083
Richmond	2	ROW 16445	ROW Opportunity	1.04	0.70	67%	0.021	0.083
Richmond	2	Parcel 155487	Regional Opportunity	3.02	1.80	60%	0.008	0.083
Richmond	2	ROW 21198	ROW Opportunity	0.41	0.29	71%	0.050	0.082
Richmond	2	Parcel 116278	Regional Opportunity	0.91	0.24	26%	0.022	0.082
Richmond	2	Parcel 117353	Regional Opportunity	2.33	0.81	35%	0.010	0.082
Richmond	2	ROW 15197	ROW Opportunity	0.50	0.35	70%	0.040	0.081
Richmond	2	Parcel 119884	Regional Opportunity	0.64	0.27	42%	0.031	0.081
Richmond	2	ROW 116	ROW Opportunity	2.56	1.74	68%	0.009	0.080
Richmond	2	ROW 200	ROW Opportunity	5.74	3.95	69%	0.005	0.080
Richmond	2	ROW 9162	ROW Opportunity	4.57	3.10	68%	0.006	0.080
Richmond	2	Parcel 124307	Regional Opportunity	0.46	0.28	61%	0.043	0.079
Richmond	2	ROW 21073	ROW Opportunity	3.56	2.16	61%	0.007	0.078
Richmond	2	ROW 2162	ROW Opportunity	9.38	6.41	68%	0.003	0.078
Richmond	2	ROW 9937	ROW Opportunity	2.83	1.11	39%	0.008	0.078
Richmond	2	Parcel 165219	Regional Opportunity	1.77	1.40	79%	0.013	0.078
Richmond	2	GIP 00323 / planned 512	Parcel-Based Opportunity (aspirational)	4.34	2.92	67%	0.006	0.077
Richmond	2	ROW 16538	ROW Opportunity	1.07	0.58	54%	0.019	0.077
Richmond	2	ROW 20633	ROW Opportunity	4.94	2.89	59%	0.005	0.077
Richmond	2	ROW 16496	ROW Opportunity	4.37	2.90	66%	0.006	0.076
Richmond	2	ROW 13581	ROW Opportunity	0.59	0.26	44%	0.032	0.075
Richmond	2	ROW 16467	ROW Opportunity	2.66	1.79	67%	0.009	0.075
Richmond	2	Parcel 375479	Parcel-Based Opportunity	68.51	8.98	13%	0.000	0.075
Richmond	2	ROW 10098	ROW Opportunity	6.38	4.15	65%	0.004	0.074
Richmond	2	ROW 1830	ROW Opportunity	1.38	0.93	67%	0.015	0.074
Richmond	2	ROW 82	ROW Opportunity	0.80	0.60	75%	0.024	0.074
Richmond	2	ROW 92	ROW Opportunity	4.38	3.00	68%	0.006	0.073
Richmond	2	ROW 12125	ROW Opportunity	5.50	3.66	67%	0.005	0.072
Richmond	2	ROW 2164	ROW Opportunity	1.27	0.90	71%	0.015	0.070
Richmond	2	Parcel 144098	Regional Opportunity	1.08	0.98	91%	0.018	0.070
Richmond	2	Parcel 115970	Regional Opportunity	0.55	0.12	22%	0.032	0.070
Richmond	2	ROW 16394	ROW Opportunity	0.51	0.23	45%	0.034	0.069
Richmond	2	ROW 16563	ROW Opportunity	4.10	2.78	68%	0.006	0.069
Richmond	2	ROW 16866	ROW Opportunity	3.52	2.37	67%	0.006	0.069
Richmond	2	ROW 7810	ROW Opportunity	0.59	0.27	46%	0.029	0.069
Richmond	2	ROW 16544	ROW Opportunity	4.83	3.31	69%	0.005	0.068
Richmond	2	Parcel 115590	Regional Opportunity	0.98	0.21	21%	0.017	0.068
Richmond	2	Parcel 116661	Regional Opportunity	0.52	0.13	25%	0.033	0.068
Richmond	2	ROW 16480	ROW Opportunity	1.96	1.32	67%	0.010	0.067
Richmond	2	ROW 195	ROW Opportunity	5.26	3.67	70%	0.005	0.067
Richmond	2	ROW 2163	ROW Opportunity	3.05	2.15	70%	0.007	0.066
Richmond	2	ROW 5903	ROW Opportunity	0.39	0.28	72%	0.042	0.066
Richmond	2	ROW 9784	ROW Opportunity	0.50	0.22	44%	0.033	0.066
Richmond	2	ROW 11623	ROW Opportunity	5.63	3.78	67%	0.004	0.066
Richmond	2	ROW 17728	ROW Opportunity	0.42	0.22	52%	0.039	0.065
Richmond	2	Parcel 129781	Parcel-Based Opportunity	0.46	0.22	48%	0.036	0.065
Richmond	2	Parcel 174262	Parcel-Based Opportunity	2.11	1.19	56%	0.009	0.065
Richmond	2	ROW 20751	ROW Opportunity	0.72	0.52	72%	0.023	0.064
Richmond	2	ROW 16504	ROW Opportunity	0.99	0.61	62%	0.017	0.064
Richmond	2	ROW 8571	ROW Opportunity	3.24	2.28	70%	0.006	0.064
Richmond	2	GIP 00456 / ROW 16561	ROW Opportunity (aspirational)	4.64	3.09	67%	0.005	0.063
Richmond	2	ROW 17527	ROW Opportunity	9.09	4.79	53%	0.003	0.063
Richmond	2	Parcel 117968	Regional Opportunity	0.56	0.24	43%	0.028	0.063
Richmond	2	ROW 21231	ROW Opportunity	0.41	0.21	51%	0.037	0.062
Richmond	2	ROW 147	ROW Opportunity	0.82	0.56	68%	0.020	0.062
Richmond	2	GIP 00345 / planned 138	Parcel-Based Opportunity (aspirational)	39.35	14.16	36%	0.001	0.061
Richmond	2	ROW 1763	ROW Opportunity	0.34	0.21	62%	0.044	0.061
Richmond	2	ROW 3733	ROW Opportunity	0.47	0.25	53%	0.032	0.061
Richmond	2	ROW 105	ROW Opportunity	2.41	1.61	67%	0.008	0.061
Richmond	2	ROW 6864	ROW Opportunity	0.36	0.26	72%	0.042	0.061
Richmond	2	planned 174	Planned Unlined Swale	0.69	0.47	68%	0.023	0.061
Richmond	2	Parcel 154186	Parcel-Based Opportunity	0.39	0.26	67%	0.039	0.061
Richmond	2	ROW 15878	ROW Opportunity	3.44	1.96	57%	0.006	0.060
Richmond	2	ROW 19023	ROW Opportunity	1.43	0.96	67%	0.012	0.060
Richmond	2	ROW 9166	ROW Opportunity	0.45	0.28	62%	0.033	0.060
Richmond	2	ROW 15195	ROW Opportunity	6.51	4.28	66%	0.003	0.059
Richmond	2	ROW 18037	ROW Opportunity	4.29	2.74	64%	0.005	0.059
Richmond	2	ROW 2697	ROW Opportunity	2.39	1.65	69%	0.008	0.059
Richmond	2	Parcel 118569	Parcel-Based Opportunity	0.46	0.19	41%	0.031	0.059
Richmond	2	ROW 1794	ROW Opportunity	0.32	0.25	78%	0.046	0.058
Richmond	2	ROW 20453	ROW Opportunity	0.55	0.39	71%	0.027	0.058
Richmond	2	ROW 19952	ROW Opportunity	0.87	0.59	68%	0.018	0.058
Richmond	2	ROW 16116	ROW Opportunity	0.32	0.20	63%	0.044	0.057
Richmond	2	ROW 16539	ROW Opportunity	1.03	0.59	57%	0.015	0.057
Richmond	2	ROW 886	ROW Opportunity	9.50	6.34	67%	0.003	0.057
Richmond	2	Parcel 133667	Parcel-Based Opportunity	25.54	14.75	58%	0.001	0.057
Richmond	2	Parcel 116468	Parcel-Based Opportunity	0.74	0.29	39%	0.019	0.057
Richmond	2	ROW 4147	ROW Opportunity	0.75	0.48	64%	0.020	0.056
Richmond	2	ROW 16475	ROW Opportunity	2.52	1.67	66%	0.007	0.056
Richmond	2	ROW 9755	ROW Opportunity	0.36	0.24	67%	0.038	0.056
Richmond	2	ROW 17721	ROW Opportunity	0.32	0.19	59%	0.044	0.055
Richmond	2	ROW 3294	ROW Opportunity	0.50	0.34	68%	0.029	0.055
Richmond	2	ROW 18476	ROW Opportunity	1.55	1.08	70%	0.010	0.054
Richmond	2	ROW 13891	ROW Opportunity	0.41	0.18	44%	0.032	0.053
Richmond	2	Parcel 150073	Regional Opportunity	1.80	1.20	67%	0.009	0.053
Richmond	2	ROW 18074	ROW Opportunity	3.67	2.41	66%	0.005	0.052
Richmond	2	Parcel 176154	Parcel-Based Opportunity	27.12	13.35	49%	0.001	0.052
Richmond	2	ROW 18477	ROW Opportunity	2.41	1.65	68%	0.007	0.051
Richmond	2	ROW 9129	ROW Opportunity	3.29	1.38	42%	0.005	0.051
Richmond	2	Parcel 236849	Parcel-Based Opportunity	260.54	3.37	1%	0.000	0.051
Richmond	2	Parcel 118639	Parcel-Based Opportunity	0.45	0.10	22%	0.028	0.050
Richmond	2	ROW 21154	ROW Opportunity	2.44	1.79	73%	0.007	0.049
Richmond	2	ROW 13905	ROW Opportunity	3.58	2.15	60%	0.005	0.049

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Richmond	2	Parcel 150614	Regional Opportunity	2.05	1.74	85%	0.008	0.049
Richmond	2	ROW 11838	ROW Opportunity	0.29	0.17	59%	0.041	0.048
Richmond	2	ROW 3859	ROW Opportunity	7.00	4.53	65%	0.003	0.048
Richmond	2	ROW 20475	ROW Opportunity	1.12	0.76	68%	0.012	0.047
Richmond	2	ROW 9125	ROW Opportunity	2.59	0.93	36%	0.005	0.047
Richmond	2	ROW 98	ROW Opportunity	2.55	1.75	69%	0.006	0.047
Richmond	2	Parcel 255238	Parcel-Based Opportunity	611.35	20.49	3%	0.000	0.047
Richmond	2	ROW 15754	ROW Opportunity	0.35	0.22	63%	0.033	0.046
Richmond	2	ROW 16440	ROW Opportunity	0.58	0.41	71%	0.021	0.046
Richmond	2	ROW 16512	ROW Opportunity	1.89	1.24	66%	0.008	0.046
Richmond	2	ROW 3979	ROW Opportunity	11.15	7.70	69%	0.002	0.046
Richmond	2	ROW 3728	ROW Opportunity	0.28	0.19	68%	0.040	0.045
Richmond	2	ROW 7216	ROW Opportunity	2.32	1.56	67%	0.006	0.045
Richmond	2	ROW 5190	ROW Opportunity	0.35	0.14	40%	0.031	0.044
Richmond	2	ROW 9939	ROW Opportunity	0.37	0.14	38%	0.029	0.044
Richmond	2	ROW 14433	ROW Opportunity	1.36	0.88	65%	0.010	0.044
Richmond	2	ROW 247	ROW Opportunity	13.62	8.74	64%	0.002	0.044
Richmond	2	ROW 785	ROW Opportunity	6.19	3.83	62%	0.003	0.044
Richmond	2	planned 326	Planned Creek/Marsh Restoration	2.22	0.57	26%	0.006	0.044
Richmond	2	Parcel 132474	Regional Opportunity	1.13	0.87	77%	0.011	0.044
Richmond	2	Parcel 149687	Regional Opportunity	1.43	1.00	70%	0.009	0.044
Richmond	2	GIP 00377 / Parcel 133196	Regional Opportunity (aspirational)	1.20	1.00	83%	0.011	0.043
Richmond	2	ROW 17312	ROW Opportunity	0.27	0.14	52%	0.040	0.043
Richmond	2	ROW 8642	ROW Opportunity	3.74	2.42	65%	0.004	0.043
Richmond	2	planned 296	Planned Creek/Marsh Restoration	83.80	11.53	14%	0.000	0.043
Richmond	2	GIP 00429 / Parcel 143826	Regional Opportunity (aspirational)	1.04	0.89	86%	0.012	0.042
Richmond	2	GIP 00480 / ROW 3507	ROW Opportunity (aspirational)	9.06	5.66	62%	0.002	0.042
Richmond	2	ROW 16211	ROW Opportunity	8.14	5.41	66%	0.002	0.042
Richmond	2	ROW 13417	ROW Opportunity	5.44	3.72	68%	0.003	0.042
Richmond	2	ROW 175	ROW Opportunity	3.50	2.49	71%	0.004	0.042
Richmond	2	Parcel 188482	Parcel-Based Opportunity	7.05	3.25	46%	0.002	0.042
Richmond	2	ROW 16208	ROW Opportunity	2.13	1.44	68%	0.006	0.041
Richmond	2	ROW 16555	ROW Opportunity	3.26	2.17	67%	0.004	0.041
Richmond	2	Parcel 211565	Regional Opportunity	1.57	0.88	56%	0.008	0.041
Richmond	2	Parcel 149904	Regional Opportunity	1.45	0.91	63%	0.008	0.041
Richmond	2	Parcel 166751	Regional Opportunity	1.09	0.95	87%	0.011	0.041
Richmond	2	Parcel 113228	Parcel-Based Opportunity	0.23	0.14	61%	0.044	0.041
Richmond	2	GIP 00372 / Parcel 152927	Regional Opportunity (aspirational)	3.09	1.99	64%	0.005	0.040
Richmond	2	ROW 100	ROW Opportunity	3.68	2.57	70%	0.004	0.040
Richmond	2	ROW 10892	ROW Opportunity	0.90	0.53	59%	0.012	0.040
Richmond	2	ROW 14676	ROW Opportunity	1.05	0.73	70%	0.011	0.040
Richmond	2	ROW 2159	ROW Opportunity	3.17	2.21	70%	0.004	0.040
Richmond	2	ROW 245	ROW Opportunity	12.24	7.96	65%	0.002	0.040
Richmond	2	ROW 273	ROW Opportunity	9.08	6.04	67%	0.002	0.040
Richmond	2	ROW 66	ROW Opportunity	1.53	1.13	74%	0.008	0.040
Richmond	2	Parcel 139167	Regional Opportunity	0.87	0.70	80%	0.013	0.040
Richmond	2	ROW 16507	ROW Opportunity	1.11	0.73	66%	0.010	0.039
Richmond	2	ROW 248	ROW Opportunity	6.87	4.50	65%	0.002	0.039
Richmond	2	Parcel 116652	Parcel-Based Opportunity	0.23	0.13	57%	0.042	0.039
Richmond	2	ROW 126	ROW Opportunity	1.73	1.12	65%	0.007	0.038
Richmond	2	ROW 11363	ROW Opportunity	9.37	6.08	65%	0.002	0.038
Richmond	2	ROW 15753	ROW Opportunity	0.77	0.46	60%	0.014	0.038
Richmond	2	ROW 16503	ROW Opportunity	2.40	1.57	65%	0.005	0.038
Richmond	2	ROW 16557	ROW Opportunity	3.91	2.61	67%	0.004	0.038
Richmond	2	ROW 212	ROW Opportunity	7.21	4.69	65%	0.002	0.038
Richmond	2	ROW 257	ROW Opportunity	9.16	6.03	66%	0.002	0.038
Richmond	2	ROW 69	ROW Opportunity	1.85	1.26	68%	0.007	0.038
Richmond	2	GIP 00304 / planned 486	Parcel-Based Opportunity (aspirational)	5.73	3.84	67%	0.003	0.037
Richmond	2	ROW 16518	ROW Opportunity	2.48	1.62	65%	0.005	0.037
Richmond	2	ROW 211	ROW Opportunity	4.70	3.08	66%	0.003	0.037
Richmond	2	Parcel 375480	Parcel-Based Opportunity	39.00	23.68	61%	0.000	0.037
Richmond	2	ROW 11885	ROW Opportunity	0.22	0.15	68%	0.041	0.036
Richmond	2	ROW 19949	ROW Opportunity	0.81	0.55	68%	0.013	0.036
Richmond	2	Parcel 126574	Regional Opportunity	0.58	0.15	26%	0.016	0.036
Richmond	2	ROW 3755	ROW Opportunity	0.29	0.11	38%	0.030	0.035
Richmond	2	ROW 16433	ROW Opportunity	1.10	0.75	68%	0.009	0.035
Richmond	2	ROW 16437	ROW Opportunity	3.09	2.10	68%	0.004	0.035
Richmond	2	ROW 16443	ROW Opportunity	3.11	2.01	65%	0.004	0.035
Richmond	2	ROW 246	ROW Opportunity	0.43	0.31	72%	0.022	0.035
Richmond	2	Parcel 146294	Parcel-Based Opportunity	14.14	9.02	64%	0.001	0.035
Richmond	2	Parcel 137626	Regional Opportunity	1.25	0.75	60%	0.008	0.035
Richmond	2	Parcel 133977	Regional Opportunity	1.28	0.66	52%	0.008	0.035
Richmond	2	Parcel 195923	Parcel-Based Opportunity	0.15	0.06	40%	0.059	0.035
Richmond	2	ROW 17021	ROW Opportunity	0.48	0.20	42%	0.019	0.034
Richmond	2	ROW 191	ROW Opportunity	1.49	1.10	74%	0.007	0.034
Richmond	2	ROW 11014	ROW Opportunity	5.98	3.95	66%	0.002	0.034
Richmond	2	ROW 15831	ROW Opportunity	9.53	6.34	67%	0.002	0.034
Richmond	2	ROW 283	ROW Opportunity	6.12	4.23	69%	0.002	0.034
Richmond	2	ROW 56	ROW Opportunity	1.53	1.09	71%	0.007	0.034
Richmond	2	Parcel 234570	Parcel-Based Opportunity	21.31	2.72	13%	0.001	0.034
Richmond	2	ROW 12145	ROW Opportunity	8.53	5.57	65%	0.002	0.033
Richmond	2	ROW 21542	ROW Opportunity	8.21	5.22	64%	0.002	0.033
Richmond	2	ROW 239	ROW Opportunity	10.01	6.58	66%	0.002	0.033
Richmond	2	ROW 6159	ROW Opportunity	6.69	4.35	65%	0.002	0.033
Richmond	2	ROW 85	ROW Opportunity	0.84	0.57	68%	0.011	0.033
Richmond	2	Parcel 120275	Regional Opportunity	1.53	0.52	34%	0.006	0.033
Richmond	2	Parcel 154534	Parcel-Based Opportunity	0.21	0.14	67%	0.039	0.033
Richmond	2	Parcel 111332	Parcel-Based Opportunity	0.26	0.11	42%	0.032	0.033
Richmond	2	GIP 00302 / planned 492	Parcel-Based Opportunity (aspirational)	2.50	1.76	70%	0.005	0.032
Richmond	2	ROW 243	ROW Opportunity	9.52	6.21	65%	0.002	0.032
Richmond	2	ROW 282	ROW Opportunity	5.99	4.14	69%	0.002	0.032
Richmond	2	Parcel 119762	Regional Opportunity	1.08	0.35	32%	0.008	0.032
Richmond	2	Parcel 125511	Parcel-Based Opportunity	0.17	0.11	65%	0.046	0.032
Richmond	2	GIP 00314 / planned 488	Parcel-Based Opportunity (aspirational)	2.69	1.81	67%	0.004	0.031

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Richmond	2	ROW 19630	ROW Opportunity	2.57	0.92	36%	0.004	0.031
Richmond	2	ROW 259	ROW Opportunity	7.70	5.06	66%	0.002	0.031
Richmond	2	ROW 298	ROW Opportunity	5.20	3.55	68%	0.003	0.031
Richmond	2	ROW 373	ROW Opportunity	5.79	3.97	69%	0.002	0.031
Richmond	2	Parcel 207080	Parcel-Based Opportunity	11.36	4.54	40%	0.001	0.031
Richmond	2	Parcel 142243	Regional Opportunity	0.79	0.65	82%	0.012	0.031
Richmond	2	ROW 5978	ROW Opportunity	1.46	0.86	59%	0.007	0.030
Richmond	2	ROW 16432	ROW Opportunity	0.17	0.13	76%	0.042	0.030
Richmond	2	ROW 16444	ROW Opportunity	1.83	1.25	68%	0.005	0.030
Richmond	2	ROW 16533	ROW Opportunity	0.59	0.36	61%	0.014	0.030
Richmond	2	ROW 80	ROW Opportunity	0.96	0.68	71%	0.009	0.030
Richmond	2	ROW 11807	ROW Opportunity	9.05	5.81	64%	0.001	0.029
Richmond	2	ROW 12123	ROW Opportunity	8.06	5.15	64%	0.002	0.029
Richmond	2	ROW 21089	ROW Opportunity	2.88	1.39	48%	0.004	0.029
Richmond	2	Parcel 198527	Parcel-Based Opportunity	7.70	0.55	7%	0.002	0.029
Richmond	2	GIP 00329 / planned 519	Parcel-Based Opportunity (aspirational)	7.69	5.20	68%	0.002	0.028
Richmond	2	ROW 10074	ROW Opportunity	9.03	5.68	63%	0.001	0.028
Richmond	2	ROW 10718	ROW Opportunity	7.91	4.98	63%	0.002	0.028
Richmond	2	ROW 16439	ROW Opportunity	1.16	0.76	66%	0.008	0.028
Richmond	2	ROW 16546	ROW Opportunity	2.59	1.81	70%	0.004	0.028
Richmond	2	ROW 7714	ROW Opportunity	6.37	4.16	65%	0.002	0.028
Richmond	2	Parcel 150301	Regional Opportunity	0.90	0.66	73%	0.009	0.028
Richmond	2	Parcel 120253	Parcel-Based Opportunity	0.33	0.14	42%	0.021	0.028
Richmond	2	GIP 00306 / planned 517	Parcel-Based Opportunity (aspirational)	6.85	4.64	68%	0.002	0.027
Richmond	2	ROW 11010	ROW Opportunity	5.76	3.76	65%	0.002	0.027
Richmond	2	ROW 13419	ROW Opportunity	1.62	1.06	65%	0.006	0.027
Richmond	2	ROW 16451	ROW Opportunity	5.28	3.42	65%	0.002	0.027
Richmond	2	ROW 16525	ROW Opportunity	1.21	0.69	57%	0.007	0.027
Richmond	2	ROW 20279	ROW Opportunity	6.17	4.13	67%	0.002	0.027
Richmond	2	ROW 241	ROW Opportunity	7.41	4.90	66%	0.002	0.027
Richmond	2	ROW 280	ROW Opportunity	6.70	4.42	66%	0.002	0.027
Richmond	2	ROW 7716	ROW Opportunity	5.73	3.73	65%	0.002	0.027
Richmond	2	ROW 11626	ROW Opportunity	0.14	0.09	64%	0.044	0.026
Richmond	2	ROW 16463	ROW Opportunity	6.46	4.31	67%	0.002	0.026
Richmond	2	ROW 238	ROW Opportunity	0.20	0.14	70%	0.033	0.026
Richmond	2	ROW 7717	ROW Opportunity	2.09	1.39	67%	0.004	0.026
Richmond	2	ROW 8365	ROW Opportunity	9.43	5.05	54%	0.001	0.026
Richmond	2	ROW 8849	ROW Opportunity	6.28	4.11	65%	0.002	0.026
Richmond	2	ROW 9165	ROW Opportunity	0.31	0.19	61%	0.021	0.026
Richmond	2	ROW 9347	ROW Opportunity	8.44	5.50	65%	0.001	0.026
Richmond	2	Parcel 150205	Regional Opportunity	0.89	0.61	69%	0.009	0.026
Richmond	2	Parcel 375468	Parcel-Based Opportunity	0.97	0.09	9%	0.009	0.026
Richmond	2	ROW 190	ROW Opportunity	1.00	0.73	73%	0.008	0.025
Richmond	2	ROW 12098	ROW Opportunity	3.92	2.44	62%	0.003	0.025
Richmond	2	ROW 13064	ROW Opportunity	12.19	6.07	50%	0.001	0.025
Richmond	2	ROW 169	ROW Opportunity	0.64	0.50	78%	0.011	0.025
Richmond	2	ROW 207	ROW Opportunity	0.87	0.60	69%	0.009	0.025
Richmond	2	ROW 252	ROW Opportunity	5.36	3.50	65%	0.002	0.025
Richmond	2	Parcel 227484	Parcel-Based Opportunity	150.23	0.93	1%	0.000	0.025
Richmond	2	ROW 16476	ROW Opportunity	0.55	0.32	58%	0.012	0.024
Richmond	2	ROW 16495	ROW Opportunity	2.25	1.50	67%	0.004	0.024
Richmond	2	ROW 188	ROW Opportunity	1.08	0.78	72%	0.007	0.024
Richmond	2	ROW 9992	ROW Opportunity	2.54	1.65	65%	0.003	0.024
Richmond	2	GIP 00387 / Parcel 132965	Regional Opportunity (aspirational)	0.59	0.46	78%	0.011	0.023
Richmond	2	GIP 00396 / Parcel 133558	Regional Opportunity (aspirational)	0.63	0.52	83%	0.011	0.023
Richmond	2	GIP 00301 / planned 468	Parcel-Based Opportunity (aspirational)	18.01	5.20	29%	0.001	0.023
Richmond	2	GIP 00310 / planned 186	Parcel-Based Opportunity (aspirational)	18.01	5.20	29%	0.001	0.023
Richmond	2	GIP 00308 / planned 521	Parcel-Based Opportunity (aspirational)	5.57	3.75	67%	0.002	0.023
Richmond	2	ROW 59	ROW Opportunity	1.06	0.68	64%	0.007	0.023
Richmond	2	ROW 11852	ROW Opportunity	0.88	0.58	66%	0.008	0.023
Richmond	2	ROW 128	ROW Opportunity	3.64	2.51	69%	0.003	0.023
Richmond	2	ROW 14749	ROW Opportunity	1.79	0.86	48%	0.004	0.023
Richmond	2	ROW 16490	ROW Opportunity	2.47	1.59	64%	0.003	0.023
Richmond	2	ROW 216	ROW Opportunity	5.26	3.39	64%	0.002	0.023
Richmond	2	ROW 284	ROW Opportunity	4.68	3.14	67%	0.002	0.023
Richmond	2	ROW 345	ROW Opportunity	7.17	4.37	61%	0.001	0.023
Richmond	2	ROW 4274	ROW Opportunity	0.75	0.51	68%	0.009	0.023
Richmond	2	ROW 7798	ROW Opportunity	3.24	2.02	62%	0.003	0.023
Richmond	2	ROW 862	ROW Opportunity	0.62	0.49	79%	0.011	0.023
Richmond	2	GIP 00390 / Parcel 133528	Regional Opportunity (aspirational)	0.61	0.50	82%	0.011	0.022
Richmond	2	GIP 00341 / planned 529	Parcel-Based Opportunity (aspirational)	8.35	3.96	47%	0.001	0.022
Richmond	2	ROW 6276	ROW Opportunity	0.11	0.08	73%	0.051	0.022
Richmond	2	ROW 14348	ROW Opportunity	4.73	2.85	60%	0.002	0.022
Richmond	2	ROW 16540	ROW Opportunity	3.11	1.96	63%	0.003	0.022
Richmond	2	ROW 16547	ROW Opportunity	3.20	2.06	64%	0.003	0.022
Richmond	2	ROW 4556	ROW Opportunity	4.85	2.97	61%	0.002	0.022
Richmond	2	ROW 6850	ROW Opportunity	5.70	3.79	66%	0.002	0.022
Richmond	2	ROW 7554	ROW Opportunity	4.93	2.93	59%	0.002	0.022
Richmond	2	ROW 8344	ROW Opportunity	2.79	1.43	51%	0.003	0.022
Richmond	2	ROW 9354	ROW Opportunity	4.61	2.81	61%	0.002	0.022
Richmond	2	planned 187	Planned Unlined Bioretention	0.48	0.29	60%	0.013	0.022
Richmond	2	planned 514	Planned Unlined Swale	0.26	0.17	65%	0.022	0.022
Richmond	2	Parcel 231444	Parcel-Based Opportunity	9.82	5.16	53%	0.001	0.022
Richmond	2	Parcel 177214	Parcel-Based Opportunity	11.57	5.65	49%	0.001	0.022
Richmond	2	Parcel 197712	Parcel-Based Opportunity	0.34	0.05	15%	0.017	0.022
Richmond	2	ROW 16459	ROW Opportunity	3.83	2.58	67%	0.002	0.021
Richmond	2	ROW 20540	ROW Opportunity	1.86	1.20	65%	0.004	0.021
Richmond	2	ROW 4276	ROW Opportunity	1.18	0.85	72%	0.006	0.021
Richmond	2	ROW 4470	ROW Opportunity	5.90	3.81	65%	0.002	0.021
Richmond	2	ROW 68	ROW Opportunity	3.20	2.16	68%	0.003	0.021
Richmond	2	Parcel 142495	Regional Opportunity	1.67	1.01	60%	0.004	0.021
Richmond	2	Parcel 150789	Regional Opportunity	0.68	0.49	72%	0.009	0.021
Richmond	2	Parcel 136865	Regional Opportunity	0.56	0.40	71%	0.011	0.021
Richmond	2	ROW 13418	ROW Opportunity	2.49	1.71	69%	0.003	0.020

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Richmond	2	ROW 4128	ROW Opportunity	0.53	0.40	75%	0.011	0.020
Richmond	2	ROW 7747	ROW Opportunity	4.04	2.68	66%	0.002	0.020
Richmond	2	ROW 12816	ROW Opportunity	5.38	3.23	60%	0.002	0.020
Richmond	2	ROW 16450	ROW Opportunity	5.38	3.61	67%	0.002	0.020
Richmond	2	ROW 16677	ROW Opportunity	4.69	2.78	59%	0.002	0.020
Richmond	2	ROW 18208	ROW Opportunity	1.75	1.14	65%	0.004	0.020
Richmond	2	ROW 1991	ROW Opportunity	7.58	4.72	62%	0.001	0.020
Richmond	2	ROW 20007	ROW Opportunity	6.72	4.21	63%	0.001	0.020
Richmond	2	ROW 501	ROW Opportunity	5.00	3.06	61%	0.002	0.020
Richmond	2	ROW 6847	ROW Opportunity	5.45	3.61	66%	0.002	0.020
Richmond	2	ROW 7333	ROW Opportunity	3.29	2.13	65%	0.003	0.020
Richmond	2	ROW 9126	ROW Opportunity	1.07	0.38	36%	0.005	0.020
Richmond	2	Parcel 164500	Regional Opportunity	1.15	0.45	39%	0.005	0.020
Richmond	2	GIP 00330 / planned 141	Parcel-Based Opportunity (aspirational)	18.40	3.20	17%	0.000	0.019
Richmond	2	ROW 16534	ROW Opportunity	1.86	1.27	68%	0.004	0.019
Richmond	2	ROW 12536	ROW Opportunity	2.88	1.31	45%	0.002	0.019
Richmond	2	ROW 17129	ROW Opportunity	10.19	4.51	44%	0.001	0.019
Richmond	2	ROW 3972	ROW Opportunity	0.65	0.40	62%	0.009	0.019
Richmond	2	ROW 6954	ROW Opportunity	0.73	0.55	75%	0.008	0.019
Richmond	2	Parcel 196851	Parcel-Based Opportunity	4.96	0.08	2%	0.002	0.019
Richmond	2	GIP 00364 / Parcel 140096	Parcel-Based Opportunity (aspirational)	6.62	4.81	73%	0.001	0.018
Richmond	2	GIP 00296 / planned 511	Parcel-Based Opportunity (aspirational)	2.00	1.36	68%	0.003	0.018
Richmond	2	GIP 00299 / planned 522	Parcel-Based Opportunity (aspirational)	5.90	4.00	68%	0.001	0.018
Richmond	2	ROW 6066	ROW Opportunity	0.37	0.11	30%	0.013	0.018
Richmond	2	ROW 160	ROW Opportunity	4.58	3.15	69%	0.002	0.018
Richmond	2	ROW 16470	ROW Opportunity	2.55	1.66	65%	0.003	0.018
Richmond	2	ROW 20777	ROW Opportunity	1.92	1.28	67%	0.003	0.018
Richmond	2	ROW 213	ROW Opportunity	5.91	3.79	64%	0.001	0.018
Richmond	2	ROW 2915	ROW Opportunity	4.41	2.90	66%	0.002	0.018
Richmond	2	ROW 2928	ROW Opportunity	3.99	2.40	60%	0.002	0.018
Richmond	2	ROW 3295	ROW Opportunity	0.13	0.06	46%	0.035	0.018
Richmond	2	ROW 4531	ROW Opportunity	0.29	0.15	52%	0.016	0.018
Richmond	2	ROW 67	ROW Opportunity	1.78	1.28	72%	0.004	0.018
Richmond	2	Parcel 126885	Regional Opportunity	1.12	0.39	35%	0.005	0.018
Richmond	2	Parcel 152942	Regional Opportunity	0.52	0.42	81%	0.010	0.018
Richmond	2	Parcel 151124	Parcel-Based Opportunity	0.47	0.35	74%	0.011	0.018
Richmond	2	Parcel 151604	Regional Opportunity	0.50	0.42	84%	0.011	0.018
Richmond	2	ROW 16524	ROW Opportunity	0.17	0.12	71%	0.027	0.017
Richmond	2	ROW 16453	ROW Opportunity	4.49	2.90	65%	0.002	0.017
Richmond	2	ROW 16920	ROW Opportunity	0.89	0.46	52%	0.006	0.017
Richmond	2	ROW 17076	ROW Opportunity	4.77	2.85	60%	0.002	0.017
Richmond	2	ROW 290	ROW Opportunity	1.30	0.94	72%	0.005	0.017
Richmond	2	ROW 4396	ROW Opportunity	2.92	1.91	65%	0.002	0.017
Richmond	2	planned 489	Planned Unlined Bioretention	1.91	1.34	70%	0.003	0.017
Richmond	2	Parcel 209985	Parcel-Based Opportunity	7.78	4.24	54%	0.001	0.017
Richmond	2	GIP 00311 / planned 480	Parcel-Based Opportunity (aspirational)	3.92	2.68	68%	0.002	0.016
Richmond	2	ROW 115	ROW Opportunity	3.74	2.52	67%	0.002	0.016
Richmond	2	ROW 1385	ROW Opportunity	0.62	0.34	55%	0.008	0.016
Richmond	2	ROW 250	ROW Opportunity	2.22	1.47	66%	0.003	0.016
Richmond	2	ROW 314	ROW Opportunity	4.06	2.72	67%	0.002	0.016
Richmond	2	ROW 3741	ROW Opportunity	0.59	0.40	68%	0.008	0.016
Richmond	2	ROW 4398	ROW Opportunity	3.21	2.08	65%	0.002	0.016
Richmond	2	ROW 4866	ROW Opportunity	5.85	3.86	66%	0.001	0.016
Richmond	2	planned 94	Planned Creek/Marsh Restoration	4.16	2.12	51%	0.002	0.016
Richmond	2	Parcel 50787	Parcel-Based Opportunity	0.13	0.09	69%	0.033	0.016
Richmond	2	Parcel 150106	Parcel-Based Opportunity	0.47	0.36	77%	0.010	0.016
Richmond	2	GIP 00344 / planned 137	Parcel-Based Opportunity (aspirational)	9.66	3.71	38%	0.001	0.015
Richmond	2	ROW 12101	ROW Opportunity	1.93	1.31	68%	0.003	0.015
Richmond	2	ROW 81	ROW Opportunity	1.73	1.19	69%	0.003	0.015
Richmond	2	ROW 16447	ROW Opportunity	3.16	2.13	67%	0.002	0.015
Richmond	2	ROW 16479	ROW Opportunity	0.89	0.59	66%	0.006	0.015
Richmond	2	ROW 17605	ROW Opportunity	7.60	3.45	45%	0.001	0.015
Richmond	2	ROW 18926	ROW Opportunity	4.43	2.72	61%	0.002	0.015
Richmond	2	ROW 20316	ROW Opportunity	2.89	1.90	66%	0.002	0.015
Richmond	2	ROW 20542	ROW Opportunity	0.72	0.51	71%	0.007	0.015
Richmond	2	ROW 20895	ROW Opportunity	0.46	0.22	48%	0.009	0.015
Richmond	2	ROW 21152	ROW Opportunity	4.90	3.36	69%	0.001	0.015
Richmond	2	ROW 258	ROW Opportunity	0.55	0.39	71%	0.008	0.015
Richmond	2	ROW 6047	ROW Opportunity	4.81	3.21	67%	0.001	0.015
Richmond	2	ROW 78	ROW Opportunity	0.84	0.63	75%	0.006	0.015
Richmond	2	ROW 93	ROW Opportunity	5.91	3.85	65%	0.001	0.015
Richmond	2	Parcel 160376	Parcel-Based Opportunity	4.81	4.00	83%	0.001	0.015
Richmond	2	ROW 16611	ROW Opportunity	1.02	0.78	76%	0.005	0.014
Richmond	2	ROW 11012	ROW Opportunity	2.36	1.46	62%	0.002	0.014
Richmond	2	ROW 129	ROW Opportunity	0.42	0.29	69%	0.010	0.014
Richmond	2	ROW 14437	ROW Opportunity	13.77	3.20	23%	0.000	0.014
Richmond	2	ROW 16491	ROW Opportunity	1.26	0.81	64%	0.004	0.014
Richmond	2	ROW 16494	ROW Opportunity	2.27	1.51	67%	0.003	0.014
Richmond	2	ROW 19951	ROW Opportunity	4.44	2.66	60%	0.001	0.014
Richmond	2	ROW 286	ROW Opportunity	2.29	1.57	69%	0.003	0.014
Richmond	2	ROW 89	ROW Opportunity	1.38	0.90	65%	0.004	0.014
Richmond	2	ROW 9417	ROW Opportunity	2.08	1.34	64%	0.003	0.014
Richmond	2	Parcel 375481	Parcel-Based Opportunity	4.63	2.18	47%	0.002	0.014
Richmond	2	Parcel 139599	Parcel-Based Opportunity	5.30	3.53	67%	0.001	0.014
Richmond	2	Parcel 143637	Regional Opportunity	0.71	0.32	45%	0.006	0.014
Richmond	2	Parcel 143456	Parcel-Based Opportunity	0.42	0.32	76%	0.010	0.014
Richmond	2	Parcel 139156	Regional Opportunity	2.90	1.37	47%	0.002	0.014
Richmond	2	Parcel 136418	Regional Opportunity	0.51	0.31	61%	0.008	0.014
Richmond	2	Parcel 47763	Parcel-Based Opportunity	4.66	2.90	62%	0.001	0.014
Richmond	2	Parcel 191941	Parcel-Based Opportunity	7.01	0.25	4%	0.000	0.014
Richmond	2	GIP 00461 / ROW 17569	ROW Opportunity (aspirational)	2.96	1.75	59%	0.002	0.013
Richmond	2	GIP 00315 / planned 171	Parcel-Based Opportunity (aspirational)	16.16	2.93	18%	0.000	0.013
Richmond	2	GIP 00317 / planned 475	Parcel-Based Opportunity (aspirational)	16.16	2.93	18%	0.000	0.013
Richmond	2	GIP 00303 / planned 508	Parcel-Based Opportunity (aspirational)	3.47	2.33	67%	0.002	0.013

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Richmond	2	ROW 12140	ROW Opportunity	0.81	0.58	72%	0.005	0.013
Richmond	2	ROW 2595	ROW Opportunity	1.07	0.42	39%	0.004	0.013
Richmond	2	ROW 163	ROW Opportunity	5.21	3.41	65%	0.001	0.013
Richmond	2	ROW 194	ROW Opportunity	4.22	2.78	66%	0.001	0.013
Richmond	2	ROW 6848	ROW Opportunity	2.21	1.46	66%	0.002	0.013
Richmond	2	ROW 7330	ROW Opportunity	5.35	3.48	65%	0.001	0.013
Richmond	2	ROW 8151	ROW Opportunity	4.36	2.94	67%	0.001	0.013
Richmond	2	Parcel 155750	Parcel-Based Opportunity	0.43	0.30	70%	0.009	0.013
Richmond	2	Parcel 112290	Regional Opportunity	1.12	0.16	14%	0.005	0.013
Richmond	2	GIP 00297 / planned 520	Parcel-Based Opportunity (aspirational)	2.35	1.60	68%	0.002	0.012
Richmond	2	ROW 14369	ROW Opportunity	0.27	0.09	33%	0.012	0.012
Richmond	2	ROW 281	ROW Opportunity	0.38	0.28	74%	0.010	0.012
Richmond	2	ROW 6101	ROW Opportunity	4.34	2.67	62%	0.001	0.012
Richmond	2	ROW 7748	ROW Opportunity	4.34	2.86	66%	0.001	0.012
Richmond	2	ROW 913	ROW Opportunity	0.22	0.10	45%	0.015	0.012
Richmond	2	ROW 132	ROW Opportunity	1.65	1.13	68%	0.003	0.012
Richmond	2	ROW 13338	ROW Opportunity	1.01	0.70	69%	0.004	0.012
Richmond	2	ROW 14167	ROW Opportunity	4.84	3.18	66%	0.001	0.012
Richmond	2	ROW 16466	ROW Opportunity	3.17	2.13	67%	0.002	0.012
Richmond	2	ROW 16474	ROW Opportunity	2.85	1.84	65%	0.002	0.012
Richmond	2	ROW 16502	ROW Opportunity	2.06	1.33	65%	0.002	0.012
Richmond	2	ROW 204	ROW Opportunity	4.79	3.07	64%	0.001	0.012
Richmond	2	ROW 253	ROW Opportunity	4.86	3.10	64%	0.001	0.012
Richmond	2	ROW 4277	ROW Opportunity	0.43	0.27	63%	0.008	0.012
Richmond	2	ROW 5573	ROW Opportunity	1.06	0.63	59%	0.004	0.012
Richmond	2	ROW 6558	ROW Opportunity	1.87	1.00	53%	0.002	0.012
Richmond	2	ROW 9680	ROW Opportunity	2.49	1.58	63%	0.002	0.012
Richmond	2	Parcel 225370	Parcel-Based Opportunity	25.07	3.05	12%	0.000	0.012
Richmond	2	Parcel 199669	Parcel-Based Opportunity	5.58	1.49	27%	0.001	0.012
Richmond	2	Parcel 211418	Parcel-Based Opportunity	9.02	2.38	26%	0.001	0.012
Richmond	2	Parcel 147723	Parcel-Based Opportunity	0.34	0.27	79%	0.010	0.012
Richmond	2	Parcel 150072	Parcel-Based Opportunity	0.36	0.27	75%	0.010	0.012
Richmond	2	Parcel 375470	Parcel-Based Opportunity	57.79	1.88	3%	0.000	0.012
Richmond	2	GIP 00312 / planned 193	Parcel-Based Opportunity (aspirational)	0.97	0.27	28%	0.004	0.011
Richmond	2	GIP 00320 / planned 509	Parcel-Based Opportunity (aspirational)	3.02	2.04	68%	0.002	0.011
Richmond	2	GIP 00327 / planned 510	Parcel-Based Opportunity (aspirational)	2.11	1.43	68%	0.002	0.011
Richmond	2	ROW 11660	ROW Opportunity	0.34	0.18	53%	0.010	0.011
Richmond	2	ROW 14811	ROW Opportunity	0.29	0.19	66%	0.011	0.011
Richmond	2	ROW 20469	ROW Opportunity	2.29	1.56	68%	0.002	0.011
Richmond	2	ROW 111	ROW Opportunity	3.22	2.10	65%	0.002	0.011
Richmond	2	ROW 13123	ROW Opportunity	1.20	0.83	69%	0.003	0.011
Richmond	2	ROW 14072	ROW Opportunity	1.98	1.16	59%	0.002	0.011
Richmond	2	ROW 16446	ROW Opportunity	1.36	0.89	65%	0.003	0.011
Richmond	2	ROW 16468	ROW Opportunity	3.10	2.04	66%	0.002	0.011
Richmond	2	ROW 16483	ROW Opportunity	2.83	1.77	63%	0.002	0.011
Richmond	2	ROW 19203	ROW Opportunity	3.74	2.18	58%	0.001	0.011
Richmond	2	ROW 19688	ROW Opportunity	4.52	2.76	61%	0.001	0.011
Richmond	2	ROW 249	ROW Opportunity	4.36	2.85	65%	0.001	0.011
Richmond	2	ROW 322	ROW Opportunity	4.52	3.02	67%	0.001	0.011
Richmond	2	ROW 3981	ROW Opportunity	2.93	1.87	64%	0.002	0.011
Richmond	2	ROW 4397	ROW Opportunity	3.99	2.39	60%	0.001	0.011
Richmond	2	ROW 9967	ROW Opportunity	5.27	2.53	48%	0.001	0.011
Richmond	2	Parcel 243861	Parcel-Based Opportunity	33.58	2.75	8%	0.000	0.011
Richmond	2	Parcel 121594	Parcel-Based Opportunity	3.20	1.53	48%	0.002	0.011
Richmond	2	Parcel 128233	Parcel-Based Opportunity	3.85	2.80	73%	0.001	0.011
Richmond	2	Parcel 149557	Parcel-Based Opportunity	0.35	0.25	71%	0.009	0.011
Richmond	2	Parcel 145759	Parcel-Based Opportunity	0.34	0.25	74%	0.010	0.011
Richmond	2	Parcel 167393	Parcel-Based Opportunity	4.98	2.79	56%	0.001	0.011
Richmond	2	Parcel 152538	Parcel-Based Opportunity	0.37	0.26	70%	0.009	0.011
Richmond	2	Parcel 150416	Parcel-Based Opportunity	0.32	0.27	84%	0.011	0.011
Richmond	2	Parcel 112193	Parcel-Based Opportunity	0.18	0.07	39%	0.016	0.011
Richmond	2	Parcel 116931	Parcel-Based Opportunity	11.22	0.40	4%	0.000	0.011
Richmond	2	GIP 00374 / Parcel 135904	Parcel-Based Opportunity (aspirational)	8.78	2.30	26%	0.001	0.010
Richmond	2	ROW 12330	ROW Opportunity	0.08	0.04	50%	0.032	0.010
Richmond	2	ROW 16763	ROW Opportunity	0.59	0.37	63%	0.005	0.010
Richmond	2	ROW 17322	ROW Opportunity	0.62	0.22	35%	0.005	0.010
Richmond	2	ROW 106	ROW Opportunity	2.85	1.90	67%	0.002	0.010
Richmond	2	ROW 12120	ROW Opportunity	3.47	1.90	55%	0.001	0.010
Richmond	2	ROW 16210	ROW Opportunity	1.50	0.99	66%	0.003	0.010
Richmond	2	ROW 16841	ROW Opportunity	3.01	1.97	65%	0.002	0.010
Richmond	2	ROW 16843	ROW Opportunity	2.85	1.68	59%	0.002	0.010
Richmond	2	ROW 17073	ROW Opportunity	3.30	2.03	62%	0.002	0.010
Richmond	2	ROW 17749	ROW Opportunity	3.83	2.47	64%	0.001	0.010
Richmond	2	ROW 215	ROW Opportunity	3.95	2.54	64%	0.001	0.010
Richmond	2	ROW 3014	ROW Opportunity	0.11	0.07	64%	0.025	0.010
Richmond	2	ROW 342	ROW Opportunity	0.85	0.53	62%	0.004	0.010
Richmond	2	ROW 3511	ROW Opportunity	1.82	1.16	64%	0.002	0.010
Richmond	2	ROW 5040	ROW Opportunity	3.33	2.12	64%	0.001	0.010
Richmond	2	ROW 5698	ROW Opportunity	4.79	2.31	48%	0.001	0.010
Richmond	2	planned 490	Planned Unlined Bioretention	3.29	2.20	67%	0.001	0.010
Richmond	2	Parcel 233025	Parcel-Based Opportunity	7.10	2.14	30%	0.001	0.010
Richmond	2	Parcel 199702	Parcel-Based Opportunity	3.99	2.43	61%	0.001	0.010
San Pablo	2	GIP 00051 / ROW 7812	ROW Opportunity (aspirational)	7.18	4.82	67%	0.038	1.114
San Pablo	2	ROW 16921	ROW Opportunity	12.99	7.46	57%	0.008	0.353
San Pablo	2	planned 36	Planned Flood Control Basin	38.92	17.91	46%	0.002	0.256
San Pablo	2	planned 162	Planned Unlined Bioretention	53.22	35.34	66%	0.002	0.246
San Pablo	2	ROW 16388	ROW Opportunity	7.27	5.13	71%	0.010	0.245
San Pablo	2	planned 302	Planned Creek/Marsh Restoration	3.18	1.46	46%	0.019	0.235
San Pablo	2	ROW 20797	ROW Opportunity	1.05	0.93	89%	0.051	0.214
San Pablo	2	ROW 7812	ROW Opportunity	1.06	0.70	66%	0.038	0.162
San Pablo	2	ROW 16905	ROW Opportunity	5.86	3.97	68%	0.007	0.138
San Pablo	2	ROW 16907	ROW Opportunity	7.80	5.26	67%	0.005	0.127
San Pablo	2	ROW 16903	ROW Opportunity	4.25	2.88	68%	0.008	0.119
San Pablo	2	ROW 6559	ROW Opportunity	12.76	7.53	59%	0.003	0.114

Contra Costa Countywide Attainment Strategy  
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Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
San Pablo	2	planned 304	Planned Creek/Marsh Restoration	28.94	14.49	50%	0.002	0.105
San Pablo	2	GIP 00059 / SD MasterPlan	ROW Opportunity (aspirational)	29.73	19.48	66%	0.001	0.094
San Pablo	2	ROW 4126	ROW Opportunity	0.60	0.43	72%	0.038	0.092
San Pablo	2	ROW 19846	ROW Opportunity	6.35	3.77	59%	0.004	0.076
San Pablo	2	ROW 2698	ROW Opportunity	8.13	5.52	68%	0.003	0.074
San Pablo	2	ROW 2767	ROW Opportunity	1.26	0.75	60%	0.015	0.070
San Pablo	2	GIP 00049 / ROW 11891	ROW Opportunity (aspirational)	7.98	5.43	68%	0.003	0.068
San Pablo	2	ROW 189	ROW Opportunity	3.45	2.35	68%	0.006	0.068
San Pablo	2	ROW 2769	ROW Opportunity	5.25	2.83	54%	0.004	0.063
San Pablo	2	ROW 7219	ROW Opportunity	1.16	0.79	68%	0.014	0.061
San Pablo	2	ROW 9756	ROW Opportunity	3.58	2.30	64%	0.006	0.061
San Pablo	2	ROW 6033	ROW Opportunity	7.68	5.03	65%	0.003	0.055
San Pablo	2	ROW 77	ROW Opportunity	0.39	0.30	77%	0.034	0.052
San Pablo	2	ROW 4227	ROW Opportunity	4.63	2.97	64%	0.004	0.047
San Pablo	2	ROW 192	ROW Opportunity	3.68	2.55	69%	0.004	0.045
San Pablo	2	ROW 18421	ROW Opportunity	9.68	6.08	63%	0.002	0.039
San Pablo	2	ROW 786	ROW Opportunity	5.66	3.27	58%	0.003	0.039
San Pablo	2	ROW 16914	ROW Opportunity	2.49	1.66	67%	0.005	0.036
San Pablo	2	ROW 18397	ROW Opportunity	2.76	1.78	64%	0.004	0.035
San Pablo	2	ROW 4228	ROW Opportunity	2.60	1.68	65%	0.005	0.035
San Pablo	2	ROW 16014	ROW Opportunity	5.29	3.53	67%	0.003	0.035
San Pablo	2	GIP 00050 / ROW 18927	ROW Opportunity (aspirational)	6.33	4.23	67%	0.002	0.033
San Pablo	2	ROW 18924	ROW Opportunity	0.25	0.19	76%	0.033	0.032
San Pablo	2	ROW 16015	ROW Opportunity	1.34	0.88	66%	0.007	0.031
San Pablo	2	ROW 15641	ROW Opportunity	4.30	2.76	64%	0.003	0.030
San Pablo	2	ROW 4668	ROW Opportunity	2.52	1.68	67%	0.004	0.030
San Pablo	2	ROW 12843	ROW Opportunity	2.13	1.52	71%	0.005	0.029
San Pablo	2	ROW 167	ROW Opportunity	6.95	4.63	67%	0.002	0.028
San Pablo	2	ROW 6930	ROW Opportunity	0.90	0.64	71%	0.009	0.028
San Pablo	2	ROW 15350	ROW Opportunity	1.12	0.66	59%	0.007	0.027
San Pablo	2	ROW 19954	ROW Opportunity	3.17	2.07	65%	0.003	0.027
San Pablo	2	ROW 20000	ROW Opportunity	1.97	1.36	69%	0.005	0.027
San Pablo	2	ROW 165	ROW Opportunity	5.88	3.79	64%	0.002	0.026
San Pablo	2	ROW 17042	ROW Opportunity	5.45	3.63	67%	0.002	0.025
San Pablo	2	ROW 11891	ROW Opportunity	1.83	1.26	69%	0.005	0.024
San Pablo	2	ROW 12558	ROW Opportunity	8.04	4.68	58%	0.001	0.023
San Pablo	2	ROW 16390	ROW Opportunity	1.74	1.08	62%	0.005	0.023
San Pablo	2	ROW 4473	ROW Opportunity	1.50	0.88	59%	0.005	0.022
San Pablo	2	ROW 12611	ROW Opportunity	2.08	1.46	70%	0.004	0.021
San Pablo	2	ROW 4651	ROW Opportunity	1.36	0.86	63%	0.005	0.021
San Pablo	2	Parcel 177888	Regional Opportunity	0.72	0.48	67%	0.009	0.021
San Pablo	2	ROW 52	ROW Opportunity	3.36	1.97	59%	0.002	0.020
San Pablo	2	ROW 21121	ROW Opportunity	4.48	2.81	63%	0.002	0.020
San Pablo	2	ROW 10495	ROW Opportunity	2.74	1.83	67%	0.003	0.019
San Pablo	2	ROW 4471	ROW Opportunity	1.20	0.64	53%	0.005	0.019
San Pablo	2	planned 155	Planned Creek/Marsh Restoration	0.31	0.18	58%	0.016	0.019
San Pablo	2	Parcel 188525	Regional Opportunity	0.59	0.44	75%	0.010	0.019
San Pablo	2	Parcel 174149	Regional Opportunity	1.30	0.40	31%	0.004	0.019
San Pablo	2	ROW 11364	ROW Opportunity	0.57	0.40	70%	0.009	0.018
San Pablo	2	ROW 11808	ROW Opportunity	0.75	0.49	65%	0.008	0.018
San Pablo	2	ROW 125	ROW Opportunity	4.82	3.00	62%	0.002	0.018
San Pablo	2	ROW 12612	ROW Opportunity	2.24	1.38	62%	0.003	0.018
San Pablo	2	ROW 171	ROW Opportunity	3.11	1.99	64%	0.002	0.018
San Pablo	2	ROW 18927	ROW Opportunity	0.12	0.08	67%	0.039	0.018
San Pablo	2	ROW 65	ROW Opportunity	6.84	4.46	65%	0.001	0.018
San Pablo	2	planned 325	Planned Unlined Bioretention	5.36	1.64	31%	0.001	0.018
San Pablo	2	ROW 13089	ROW Opportunity	1.15	0.81	70%	0.005	0.016
San Pablo	2	ROW 16916	ROW Opportunity	0.68	0.48	71%	0.007	0.016
San Pablo	2	ROW 2963	ROW Opportunity	3.78	2.51	66%	0.002	0.016
San Pablo	2	ROW 14830	ROW Opportunity	3.59	2.40	67%	0.002	0.015
San Pablo	2	ROW 108	ROW Opportunity	3.27	2.07	63%	0.002	0.015
San Pablo	2	ROW 170	ROW Opportunity	4.03	2.63	65%	0.002	0.015
San Pablo	2	Parcel 190737	Parcel-Based Opportunity	11.43	3.64	32%	0.001	0.015
San Pablo	2	ROW 19776	ROW Opportunity	2.43	1.55	64%	0.002	0.014
San Pablo	2	ROW 16389	ROW Opportunity	1.15	0.78	68%	0.004	0.013
San Pablo	2	ROW 3087	ROW Opportunity	3.36	2.28	68%	0.002	0.013
San Pablo	2	planned 303	Planned Creek/Marsh Restoration	2.48	1.06	43%	0.002	0.013
San Pablo	2	planned 172	Planned Unlined Swale	2.97	1.38	46%	0.002	0.013
San Pablo	2	planned 342	Planned Creek/Marsh Restoration	3.00	1.41	47%	0.002	0.013
San Pablo	2	planned 343	Planned Habitat Restoration	3.01	1.41	47%	0.002	0.013
San Pablo	2	planned 413	Planned Unlined Bioretention	2.97	1.38	46%	0.002	0.013
San Pablo	2	ROW 2765	ROW Opportunity	0.45	0.32	71%	0.008	0.012
San Pablo	2	ROW 7319	ROW Opportunity	0.65	0.48	74%	0.006	0.012
San Pablo	2	ROW 14301	ROW Opportunity	3.39	2.13	63%	0.002	0.011
San Pablo	2	ROW 114	ROW Opportunity	2.62	1.66	63%	0.002	0.011
San Pablo	2	ROW 15832	ROW Opportunity	0.35	0.24	69%	0.009	0.011
San Pablo	2	ROW 20998	ROW Opportunity	2.84	1.84	65%	0.002	0.011
San Pablo	2	planned 159	Planned Flood Control	0.94	0.44	47%	0.004	0.011
San Pablo	2	planned 160	Planned Flood Control	0.94	0.44	47%	0.004	0.011
San Pablo	2	ROW 2774	ROW Opportunity	0.12	0.08	67%	0.022	0.010
San Pablo	2	ROW 11348	ROW Opportunity	1.55	1.05	68%	0.003	0.010
San Pablo	2	ROW 178	ROW Opportunity	1.53	0.99	65%	0.003	0.010
San Pablo	2	ROW 18545	ROW Opportunity	1.13	0.78	69%	0.003	0.010
San Pablo	2	ROW 694	ROW Opportunity	2.68	1.72	64%	0.002	0.010
San Pablo	2	ROW 76	ROW Opportunity	3.81	2.44	64%	0.001	0.010
San Pablo	2	Parcel 177537	Parcel-Based Opportunity	0.35	0.23	66%	0.009	0.010
San Ramon	2	ROW 16937	ROW Opportunity	14.91	8.01	54%	0.008	0.404
San Ramon	2	ROW 5150	ROW Opportunity	17.26	9.38	54%	0.006	0.361
San Ramon	2	Parcel 1429	Parcel-Based Opportunity	7.08	3.05	43%	0.012	0.288
San Ramon	2	ROW 16938	ROW Opportunity	44.75	26.81	60%	0.002	0.202
San Ramon	2	Parcel 1424	Parcel-Based Opportunity	3.25	2.00	62%	0.016	0.177
San Ramon	2	ROW 13922	ROW Opportunity	5.32	2.95	55%	0.010	0.166
San Ramon	2	ROW 5023	ROW Opportunity	5.42	2.58	48%	0.009	0.161
San Ramon	2	Parcel 74168	Parcel-Based Opportunity	4.28	3.30	77%	0.010	0.154



Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
San Ramon	2	ROW 19140	ROW Opportunity	13.00	6.76	52%	0.003	0.112
San Ramon	2	ROW 560	ROW Opportunity	48.47	23.77	49%	0.001	0.102
San Ramon	2	ROW 14434	ROW Opportunity	2.77	1.52	55%	0.011	0.095
San Ramon	2	ROW 16426	ROW Opportunity	1.38	0.83	60%	0.016	0.076
San Ramon	2	ROW 13536	ROW Opportunity	15.98	8.39	53%	0.002	0.068
San Ramon	2	Parcel 59728	Parcel-Based Opportunity	40.01	15.74	39%	0.001	0.066
San Ramon	2	ROW 19361	ROW Opportunity	0.95	0.61	64%	0.015	0.052
San Ramon	2	ROW 5451	ROW Opportunity	24.69	12.16	49%	0.001	0.049
San Ramon	2	Parcel 74549	Regional Opportunity	0.89	0.57	64%	0.015	0.048
San Ramon	2	ROW 7238	ROW Opportunity	5.09	2.65	52%	0.003	0.047
San Ramon	2	ROW 2693	ROW Opportunity	27.57	13.61	49%	0.001	0.046
San Ramon	2	ROW 9268	ROW Opportunity	1.05	0.64	61%	0.013	0.044
San Ramon	2	ROW 14869	ROW Opportunity	14.80	6.94	47%	0.001	0.043
San Ramon	2	ROW 19759	ROW Opportunity	3.77	1.87	50%	0.004	0.043
San Ramon	2	ROW 14030	ROW Opportunity	3.62	2.17	60%	0.004	0.039
San Ramon	2	Parcel 1440	Regional Opportunity	2.20	0.24	11%	0.005	0.039
San Ramon	2	ROW 20234	ROW Opportunity	3.27	1.89	58%	0.004	0.037
San Ramon	2	ROW 2149	ROW Opportunity	13.93	6.98	50%	0.001	0.036
San Ramon	2	Parcel 54308	Regional Opportunity	1.18	0.65	55%	0.008	0.032
San Ramon	2	ROW 2328	ROW Opportunity	0.92	0.30	33%	0.009	0.030
San Ramon	2	ROW 5995	ROW Opportunity	8.73	3.50	40%	0.002	0.030
San Ramon	2	Parcel 73130	Regional Opportunity	1.30	0.32	25%	0.007	0.030
San Ramon	2	Parcel 1133	Parcel-Based Opportunity	9.50	2.66	28%	0.001	0.025
San Ramon	2	Parcel 56107	Parcel-Based Opportunity	16.67	5.24	31%	0.001	0.024
San Ramon	2	Parcel 56619	Parcel-Based Opportunity	11.96	4.45	37%	0.001	0.021
San Ramon	2	ROW 7425	ROW Opportunity	5.04	2.86	57%	0.002	0.020
San Ramon	2	ROW 11940	ROW Opportunity	5.68	2.26	40%	0.002	0.019
San Ramon	2	ROW 12822	ROW Opportunity	14.95	7.56	51%	0.000	0.019
San Ramon	2	ROW 3355	ROW Opportunity	4.30	1.88	44%	0.002	0.019
San Ramon	2	Parcel 54147	Parcel-Based Opportunity	11.94	4.08	34%	0.001	0.019
San Ramon	2	ROW 5148	ROW Opportunity	0.88	0.42	48%	0.007	0.018
San Ramon	2	Parcel 56925	Parcel-Based Opportunity	10.03	3.99	40%	0.001	0.018
San Ramon	2	ROW 17356	ROW Opportunity	7.97	3.72	47%	0.001	0.016
San Ramon	2	ROW 558	ROW Opportunity	2.14	1.25	58%	0.003	0.016
San Ramon	2	ROW 10130	ROW Opportunity	0.82	0.51	62%	0.005	0.014
San Ramon	2	ROW 10239	ROW Opportunity	6.36	3.22	51%	0.001	0.014
San Ramon	2	ROW 14016	ROW Opportunity	5.41	2.19	40%	0.001	0.014
San Ramon	2	ROW 17472	ROW Opportunity	3.74	1.78	48%	0.002	0.014
San Ramon	2	ROW 19366	ROW Opportunity	7.37	3.52	48%	0.001	0.014
San Ramon	2	ROW 6768	ROW Opportunity	2.05	1.31	64%	0.003	0.013
San Ramon	2	ROW 7432	ROW Opportunity	4.06	1.64	40%	0.001	0.013
San Ramon	2	ROW 18224	ROW Opportunity	5.30	2.56	48%	0.001	0.012
San Ramon	2	ROW 3115	ROW Opportunity	3.26	1.35	41%	0.002	0.012
San Ramon	2	ROW 14638	ROW Opportunity	5.32	2.59	49%	0.001	0.011
San Ramon	2	ROW 20860	ROW Opportunity	3.04	1.64	54%	0.002	0.011
San Ramon	2	ROW 6884	ROW Opportunity	4.99	2.61	52%	0.001	0.011
San Ramon	2	ROW 3070	ROW Opportunity	4.82	2.40	50%	0.001	0.010
San Ramon	2	ROW 3632	ROW Opportunity	4.57	2.38	52%	0.001	0.010
Unincorporated	2	planned 32	Planned Unlined Bioretention	460.01	217.16	47%	0.005	8.311
Unincorporated	2	Parcel 234358	Regional Opportunity	437.95	212.62	49%	0.005	8.269
Unincorporated	2	planned 1309	Planned Unlined Swale	33.51	13.65	41%	0.014	1.864
Unincorporated	2	planned 911	Planned Unlined Bioretention	4.69	2.66	57%	0.032	0.628
Unincorporated	2	planned 426	Planned Creek/Marsh Restoration	11.94	3.37	28%	0.012	0.589
Unincorporated	2	Parcel 253891	Parcel-Based Opportunity	31.99	2.26	7%	0.005	0.466
Unincorporated	2	planned 912	Planned Unlined Bioretention	2.85	1.61	56%	0.031	0.380
Unincorporated	2	ROW 15886	ROW Opportunity	10.92	5.78	53%	0.009	0.339
Unincorporated	2	ROW 18993	ROW Opportunity	4.03	1.35	33%	0.019	0.330
Unincorporated	2	Parcel 257160	Regional Opportunity	27.71	15.65	56%	0.004	0.312
Unincorporated	2	planned 928	Planned Unlined Bioretention	12.72	5.77	45%	0.006	0.285
Unincorporated	2	ROW 15469	ROW Opportunity	1.87	1.03	55%	0.032	0.241
Unincorporated	2	ROW 326	ROW Opportunity	5.29	3.11	59%	0.012	0.232
Unincorporated	2	planned 845	Planned Unlined Bioretention	9.56	4.74	50%	0.006	0.193
Unincorporated	2	ROW 4127	ROW Opportunity	4.13	2.65	64%	0.012	0.180
Unincorporated	2	planned 1251	Planned Unlined Bioretention	6.65	3.60	54%	0.008	0.180
Unincorporated	2	planned 134	Planned Unlined Bioretention	7.12	4.36	61%	0.007	0.172
Unincorporated	2	planned 1128	Planned Unlined Bioretention	18.84	6.19	33%	0.003	0.171
Unincorporated	2	ROW 336	ROW Opportunity	1.33	0.82	62%	0.031	0.166
Unincorporated	2	planned 813	Planned Unlined Bioretention	6.43	3.65	57%	0.007	0.166
Unincorporated	2	ROW 18095	ROW Opportunity	1.02	0.74	73%	0.040	0.164
Unincorporated	2	planned 834	Planned Unlined Bioretention	6.15	3.59	58%	0.007	0.160
Unincorporated	2	planned 1158	Planned Unlined Bioretention	4.47	2.62	59%	0.008	0.127
Unincorporated	2	Parcel 231873	Regional Opportunity	4.42	2.78	63%	0.008	0.126
Unincorporated	2	planned 922	Planned Unlined Bioretention	4.80	2.79	58%	0.007	0.124
Unincorporated	2	ROW 7003	ROW Opportunity	3.09	0.99	32%	0.009	0.116
Unincorporated	2	ROW 3884	ROW Opportunity	4.07	2.27	56%	0.007	0.098
Unincorporated	2	planned 910	Planned Unlined Bioretention	0.77	0.41	53%	0.030	0.098
Unincorporated	2	ROW 278	ROW Opportunity	8.71	4.86	56%	0.004	0.097
Unincorporated	2	planned 921	Planned Unlined Bioretention	3.60	2.10	58%	0.007	0.093
Unincorporated	2	planned 944	Planned Unlined Bioretention	7.39	1.26	17%	0.004	0.090
Unincorporated	2	ROW 15893	ROW Opportunity	2.97	1.65	56%	0.008	0.078
Unincorporated	2	ROW 7816	ROW Opportunity	1.63	0.34	21%	0.011	0.074
Unincorporated	2	planned 841	Planned Unlined Bioretention	2.18	1.80	83%	0.010	0.073
Unincorporated	2	planned 948	Planned Unlined Bioretention	2.32	1.60	69%	0.009	0.072
Unincorporated	2	planned 951	Planned Unlined Bioretention	2.22	1.53	69%	0.008	0.068
Unincorporated	2	planned 715	Planned Unlined Bioretention	4.86	2.45	50%	0.004	0.067
Unincorporated	2	ROW 9938	ROW Opportunity	0.86	0.53	62%	0.019	0.061
Unincorporated	2	Parcel 373409	Regional Opportunity	46.53	17.47	38%	0.001	0.061
Unincorporated	2	planned 1159	Planned Unlined Bioretention	2.41	1.29	54%	0.007	0.057
Unincorporated	2	planned 824	Planned Unlined Bioretention	2.98	1.31	44%	0.005	0.057
Unincorporated	2	Parcel 212559	Regional Opportunity	2.98	1.31	44%	0.005	0.057
Unincorporated	2	planned 1120	Planned Unlined Bioretention	2.72	1.22	45%	0.006	0.056
Unincorporated	2	planned 932	Planned Unlined Bioretention	1.95	1.27	65%	0.008	0.056
Unincorporated	2	Parcel 234658	Regional Opportunity	1.95	1.27	65%	0.008	0.056
Unincorporated	2	planned 1145	Planned Unlined Bioretention	1.80	1.30	72%	0.008	0.053

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Unincorporated	2	planned 950	Planned Unlined Bioretention	1.69	1.17	69%	0.008	0.052
Unincorporated	2	Parcel 238562	Regional Opportunity	12.03	6.43	53%	0.002	0.052
Unincorporated	2	Parcel 233114	Regional Opportunity	1.76	1.09	62%	0.008	0.050
Unincorporated	2	Parcel 227066	Regional Opportunity	1.84	0.99	54%	0.007	0.047
Unincorporated	2	planned 1234	Planned Unlined Bioretention	2.16	1.04	48%	0.006	0.046
Unincorporated	2	Parcel 183600	Regional Opportunity	2.16	1.04	48%	0.006	0.046
Unincorporated	2	ROW 8370	ROW Opportunity	3.43	2.12	62%	0.004	0.042
Unincorporated	2	planned 965	Planned Unlined Bioretention	6.89	2.96	43%	0.002	0.042
Unincorporated	2	planned 1291	Planned Unlined Bioretention	1.09	0.95	87%	0.011	0.041
Unincorporated	2	planned 949	Planned Unlined Bioretention	1.37	0.93	68%	0.008	0.041
Unincorporated	2	Parcel 227359	Regional Opportunity	1.61	0.86	53%	0.007	0.041
Unincorporated	2	ROW 17780	ROW Opportunity	2.96	1.24	42%	0.004	0.040
Unincorporated	2	planned 1160	Planned Unlined Bioretention	1.68	0.89	53%	0.007	0.040
Unincorporated	2	planned 18	Planned Lined Bioretention	1.52	0.87	57%	0.007	0.038
Unincorporated	2	ROW 10003	ROW Opportunity	1.69	0.37	22%	0.006	0.036
Unincorporated	2	planned 13	Planned Lined Bioretention	2.14	0.72	34%	0.005	0.035
Unincorporated	2	planned 1295	Planned Unlined Bioretention	1.25	0.75	60%	0.008	0.035
Unincorporated	2	ROW 18461	ROW Opportunity	1.29	0.56	43%	0.007	0.033
Unincorporated	2	planned 1161	Planned Unlined Bioretention	1.41	0.66	47%	0.006	0.032
Unincorporated	2	ROW 6054	ROW Opportunity	1.16	0.07	6%	0.006	0.030
Unincorporated	2	planned 829	Planned Unlined Bioretention	1.82	1.15	63%	0.005	0.030
Unincorporated	2	planned 927	Planned Unlined Bioretention	1.35	0.61	45%	0.006	0.030
Unincorporated	2	Parcel 218901	Regional Opportunity	1.82	1.15	63%	0.005	0.030
Unincorporated	2	planned 1138	Planned Unlined Bioretention	0.92	0.66	72%	0.009	0.029
Unincorporated	2	planned 1144	Planned Unlined Bioretention	0.89	0.65	73%	0.009	0.029
Unincorporated	2	planned 890	Planned Unlined Bioretention	1.14	0.66	58%	0.007	0.029
Unincorporated	2	Parcel 40021	Regional Opportunity	17.61	7.00	40%	0.001	0.029
Unincorporated	2	Parcel 251699	Regional Opportunity	1.25	0.63	50%	0.007	0.029
Unincorporated	2	planned 818	Planned Unlined Bioretention	1.37	0.61	45%	0.006	0.028
Unincorporated	2	planned 714	Planned Unlined Bioretention	18.57	6.68	36%	0.001	0.028
Unincorporated	2	ROW 302	ROW Opportunity	4.48	2.58	58%	0.002	0.027
Unincorporated	2	planned 1252	Planned Unlined Bioretention	0.14	0.10	71%	0.043	0.024
Unincorporated	2	planned 955	Planned Unlined Bioretention	0.82	0.54	66%	0.008	0.024
Unincorporated	2	planned 1132	Planned Unlined Bioretention	1.16	0.53	46%	0.006	0.024
Unincorporated	2	planned 947	Planned Unlined Bioretention	0.86	0.49	57%	0.008	0.023
Unincorporated	2	planned 1249	Planned Unlined Bioretention	8.27	3.84	46%	0.001	0.023
Unincorporated	2	Parcel 11752	Regional Opportunity	10.67	2.59	24%	0.001	0.023
Unincorporated	2	Parcel 225283	Regional Opportunity	10.44	5.50	53%	0.001	0.023
Unincorporated	2	planned 1297	Planned Unlined Bioretention	0.62	0.12	19%	0.010	0.021
Unincorporated	2	planned 843	Planned Unlined Bioretention	0.97	0.44	45%	0.006	0.020
Unincorporated	2	planned 19	Planned Lined Bioretention	0.94	0.40	43%	0.006	0.019
Unincorporated	2	planned 926	Planned Unlined Bioretention	0.85	0.39	46%	0.006	0.019
Unincorporated	2	planned 1188	Planned Unlined Bioretention	2.05	0.21	10%	0.003	0.019
Unincorporated	2	planned 1056	Planned Unlined Bioretention	2.73	1.12	41%	0.003	0.019
Unincorporated	2	planned 1148	Planned Unlined Bioretention	0.57	0.42	74%	0.009	0.018
Unincorporated	2	planned 1248	Planned Unlined Bioretention	2.81	1.39	49%	0.002	0.018
Unincorporated	2	Parcel 190589	Regional Opportunity	7.24	4.65	64%	0.001	0.018
Unincorporated	2	Parcel 190676	Regional Opportunity	2.81	1.39	49%	0.002	0.018
Unincorporated	2	planned 825	Planned Unlined Bioretention	0.70	0.38	54%	0.007	0.017
Unincorporated	2	planned 854	Planned Unlined Bioretention	0.73	0.37	51%	0.006	0.017
Unincorporated	2	Parcel 211551	Regional Opportunity	0.70	0.38	54%	0.007	0.017
Unincorporated	2	Parcel 134621	Regional Opportunity	5.52	4.38	79%	0.001	0.017
Unincorporated	2	Parcel 18653	Regional Opportunity	10.01	4.18	42%	0.001	0.017
Unincorporated	2	Parcel 260347	Regional Opportunity	13.69	3.71	27%	0.001	0.017
Unincorporated	2	Parcel 248771	Regional Opportunity	8.72	4.17	48%	0.001	0.017
Unincorporated	2	planned 1232	Planned Unlined Bioretention	0.67	0.37	55%	0.007	0.016
Unincorporated	2	planned 827	Planned Unlined Bioretention	0.82	0.32	39%	0.005	0.016
Unincorporated	2	planned 1099	Planned Unlined Bioretention	7.57	4.06	54%	0.001	0.016
Unincorporated	2	planned 817	Planned Unlined Bioretention	9.30	3.93	42%	0.001	0.016
Unincorporated	2	Parcel 214683	Regional Opportunity	0.82	0.32	39%	0.005	0.016
Unincorporated	2	Parcel 261278	Regional Opportunity	7.57	4.06	54%	0.001	0.016
Unincorporated	2	Parcel 234760	Regional Opportunity	10.17	3.71	36%	0.001	0.016
Unincorporated	2	Parcel 185725	Regional Opportunity	0.67	0.37	55%	0.007	0.016
Unincorporated	2	Parcel 204352	Regional Opportunity	0.50	0.37	74%	0.010	0.016
Unincorporated	2	Parcel 363962	Regional Opportunity	8.03	3.75	47%	0.001	0.016
Unincorporated	2	planned 820	Planned Unlined Bioretention	0.59	0.34	58%	0.007	0.015
Unincorporated	2	planned 1047	Planned Unlined Bioretention	4.54	1.79	39%	0.002	0.015
Unincorporated	2	Parcel 259820	Regional Opportunity	8.72	3.46	40%	0.001	0.015
Unincorporated	2	Parcel 221126	Regional Opportunity	7.83	3.50	45%	0.001	0.015
Unincorporated	2	Parcel 373937	Regional Opportunity	9.10	4.03	44%	0.001	0.015
Unincorporated	2	planned 838	Planned Unlined Bioretention	0.51	0.35	69%	0.008	0.014
Unincorporated	2	Parcel 25124	Regional Opportunity	10.84	2.77	26%	0.001	0.014
Unincorporated	2	Parcel 262723	Regional Opportunity	10.53	3.23	31%	0.001	0.014
Unincorporated	2	Parcel 260232	Regional Opportunity	0.64	0.31	48%	0.006	0.014
Unincorporated	2	Parcel 236835	Regional Opportunity	11.70	2.62	22%	0.001	0.014
Unincorporated	2	ROW 19675	ROW Opportunity	4.36	2.48	57%	0.001	0.013
Unincorporated	2	planned 905	Planned Unlined Bioretention	0.92	0.52	57%	0.004	0.013
Unincorporated	2	planned 1065	Planned Unlined Bioretention	7.95	2.46	31%	0.001	0.013
Unincorporated	2	Parcel 180679	Regional Opportunity	0.58	0.29	50%	0.007	0.013
Unincorporated	2	Parcel 368650	Regional Opportunity	7.51	3.18	42%	0.001	0.013
Unincorporated	2	planned 1231	Planned Unlined Bioretention	0.53	0.28	53%	0.007	0.012
Unincorporated	2	Parcel 186716	Regional Opportunity	0.53	0.28	53%	0.007	0.012
Unincorporated	2	Parcel 373408	Regional Opportunity	12.02	4.26	35%	0.000	0.012
Unincorporated	2	ROW 10414	ROW Opportunity	5.41	0.94	17%	0.001	0.011
Unincorporated	2	ROW 14235	ROW Opportunity	1.05	0.63	60%	0.004	0.011
Unincorporated	2	planned 1134	Planned Unlined Bioretention	0.23	0.11	48%	0.012	0.011
Unincorporated	2	planned 1281	Planned Unlined Bioretention	0.34	0.25	74%	0.010	0.011
Unincorporated	2	planned 953	Planned Unlined Bioretention	0.38	0.06	16%	0.008	0.011
Unincorporated	2	planned 839	Planned Unlined Bioretention	0.41	0.29	71%	0.008	0.011
Unincorporated	2	planned 909	Planned Unlined Bioretention	1.48	0.76	51%	0.003	0.011
Unincorporated	2	planned 1026	Planned Unlined Bioretention	7.74	2.72	35%	0.001	0.011
Unincorporated	2	Parcel 20770	Regional Opportunity	7.74	2.72	35%	0.001	0.011
Unincorporated	2	Parcel 234439	Parcel-Based Opportunity	0.38	0.25	66%	0.009	0.011
Unincorporated	2	planned 1176	Planned Unlined Bioretention	0.40	0.23	58%	0.008	0.010

Contra Costa Countywide Attainment Strategy  
 Attachment 1: Countywide Attainment Scenario Model Results

Jurisdiction	Permit	Project ID	Project Type	Area (Acres)	Impervious Area (Acres)	Percent Impervious	PCBs Yield (g/acre)	PCBs Mass reduced (g/yr)
Unincorporated	2	planned_1029	Planned Unlined Bioretention	0.89	0.19	21%	0.003	0.010
Unincorporated	2	planned_1055	Planned Unlined Bioretention	2.12	1.35	64%	0.002	0.010
Unincorporated	2	planned_1101	Planned Unlined Bioretention	5.42	2.20	41%	0.001	0.010
Unincorporated	2	planned_1049	Planned Unlined Bioretention	5.32	1.53	29%	0.001	0.010
Unincorporated	2	planned_842	Planned Unlined Bioretention	4.76	2.42	51%	0.001	0.010
Unincorporated	2	Parcel_244216	Regional Opportunity	2.77	1.14	41%	0.002	0.010
Unincorporated	2	Parcel_222704	Regional Opportunity	4.35	2.44	56%	0.001	0.010
Walnut Creek	2	ROW_13263	ROW Opportunity	1.31	0.40	31%	0.019	0.104