

City of Buellton

Storm Water Management Program

City of Buellton
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ACRONYMS

Basin Plan	Central Coast Basin Water Quality Control
BIIP	Business and Industry Inspection Program
BMP	Best Management Practice
CAO	City Attorney's Office Covenants
CASQA	California Storm Water Quality Association
CBSM	Community Based Social Marketing
CC&R	Conditions and Restrictions Central Coast
CCR	California Code of Regulations
CCWQP	Central Coast Water Quality Preservation, Inc
CCRWQCB	Central Coast Regional Water Quality Control Board
CDD	Community Development Department
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CTR	California Toxics
CWA	Clean Water Act
DPR	Department of Pesticide Regulation
EHS	County Environmental Health Services Division
EIR	Environmental Impact Report
FCD	Flood Control District
FEMA	Federal Emergency Management Agency
GGCP	Green Gardener Certification Program
GH	Good Housekeeping
GIS	Geographic Information System
HMP	Hydromodification Management Plan
IDDE	Illicit Discharge Detection and Elimination
IPM	Integrated Pest Management
LUDP	Land Use Development Policy
MCM	Minimum Control Measure
MEP	Maximum Extent Practicable
MRP	Monitoring and Reporting Plan
MS4	Municipal Separate Storm Sewer System
ND	Negative Declaration
NOI	Notice of Intent
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
OWOW	Our Water, Our World
PAH	Polycyclic Aromatic Hydrocarbon
PCA	Pest Control Advisors
PCW	Project Clean Water
PDF	Portable Document Format
PEO	Public Education and Outreach
POTW	Publicly Owned Treatment Works
PW	County Public Works Department
RFQ	Request for Qualifications
RWQCB	Regional Water Quality Control Board
SBCAMM	Santa Barbara County Association of Storm Water Managers
SCWRC	South Coast Watershed Resource Center
SOPs	Standard Operating Procedures
SUSMP	Standard Urban Storm Water Mitigation Plans
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
USEPA	United States Environmental Protection Agency

BMP Identification List

PUBLIC EDUCATION AND OUTREACH (PE)

- PE.1 Brochures
- PE.2 Webpage
- PE.3 Event participation
- PE.4 Educational programs for children
- PE.5 Storm drain marking
- PE.6 Stormwater hotline
- PE.7 Direct Mail/Media Campaign
- PE.8 Business Outreach
- PE.9 Botanical Garden Exhibit
- PE.10 Public Survey
- PE.11 Community Based Social Marketing

PUBLIC PARTICIPATION AND INVOLVEMENT (PI)

- PI.1 Hold regular public meetings
- PI.2 Establish interagency/stakeholder’s communication
- PI.3 Community Cleanup
- PI.4 Water Quality Hotline
- PI.5 Interested Parties List

ILLICIT DISCHARGE DETECTION AND ELIMINATION (ID)

- ID.1 Storm Drain System Mapping
- ID.2 Stormwater Ordinance
- ID.3 Education and Outreach
- ID.4 Municipal Staff Training
- ID.5 ID and Elimination of Illicit Discharge Sources
- ID.6 Commercial Area Drain Filters
- ID.7 Wastewater Programs
- ID.8 Mutt Mitt Program

CONSTRUCTION SITE RUNOFF CONTROL (CS)

- CS.1 Construction Site Enforcement and Inspections
- CS.2 Development of Construction Site Inspection and Enforcement Procedures
- CS.3 Development of Review Procedures for grading/ erosion control/ construction site plans
- CS.4 Discretionary Projects –Conditions of Approval
- CS.5 Staff Training
- CS.6 Construction Workshops
- CS.7 Construction Site Stormwater Control Ordinance
- CS.8 Procedures for Receipt and Consideration of Information from the Public

POST CONSTRUCTION RUNOFF CONTROL (PC)

- PC.1 Review Regulations
- PC.2 Staff Training
- PC.3 Plan Review
- PC.4 Inspection of Post-Construction Stormwater BMPs
- PC.5 Long-Term Maintenance of Post-Construction Stormwater BMPs
- PC.6 Master Drainage Plan
- PC.7 Long-term Watershed Protection and Plan
- PC.8 Use of Low Impact Development Techniques
- PC.9 Adoption of Hydromodification Criteria
- PC.10 Education and Outreach

POLLUTION PREVENTION (PP)

- PP.1 Development and/or Adoption of Existing Citywide BMPs
- PP.2 Purchasing and Contracts
- PP.3 Training by City Departments

GOOD HOUSEKEEPING (GH)

- GH.1 Street Sweeping
- GH.2 Storm Drain Cleaning
- GH.3 Trash, Green Waste and Recycling

INTRODUCTION

The City of Buellton (the City) must comply with federal and state regulations related to environmental protection. One of the primary environmental laws impacting the City is the Clean Water Act (CWA) and associated implementing regulations. The purpose of the CWA is to protect and restore the physical, chemical, and biological integrity of our nation's waterways by controlling and limiting discharges of pollutants to these waterways.

In California, the State Water Resources Control Board (SWRCB) has determined that urban runoff is a leading cause of pollution throughout the state and that it contributes pollutants of concern such as sediments, non-sediment solids, nutrients, pathogens, oxygen-demanding substances, petroleum hydrocarbons, heavy metals, floatables, polycyclic aromatic hydrocarbons (PAHs), trash, and pesticides to waterways. In addition, the impervious nature (i.e. pavement and hardscape) of most urban communities has resulted in storm water discharges that have greater volumes, velocity, and pollutant loads than pre-development runoff.

The impacts of these changes include damaging effects on both human health and aquatic ecosystems. However, when water quality impacts are considered during the planning stages of a project, new development, or many redevelopment projects, a municipality can more efficiently incorporate measures to protect water quality.

The SWRCB identified the City of Buellton as a small municipal separate storm sewer system (MS4) requiring coverage under the National Pollutant Discharge Elimination System (NPDES) *General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)*, Water Quality Order No. 2003-0005-DWQ (General Permit). A requirement of the General Permit is development of a Storm Water Management Program designed to reduce the discharge of pollutants to the maximum extent practicable and to protect water quality. The General Permit also requires the development and implementation of Best Management Practices (BMPs) to address six Minimum Control Measures (MCMs), which include (1) Public Education and Outreach on Storm Water Impacts; (2) Public Involvement and Participation; (3) Illicit Discharge Detection and Elimination; (4) Construction Site Storm Water Runoff Control; (5) Post-Construction Storm Water Management in New Development and Redevelopment; and (6) Pollution Prevention/Good Housekeeping for Municipal Operations.

I.1 PURPOSE

This Storm Water Management Plan (SWMP) has been prepared by the City of Buellton pursuant to the General Permit and describes the City's program necessary to comply with the General Permit. More importantly, this SWMP will serve as a framework for identifying, assigning, and implementing control measures and BMPs intended to reduce the discharge of pollutants from the MS4 and protect downstream water quality. In addition to these primary objectives, this SWMP will:

- Serve as a planning and guidance document to be used by the City's regulatory body, all City departments, contractors, and the general public;
- Be dynamic and adaptively managed to address changes in General Permit requirements, organizational structure, responsibilities, and goals;
- Define techniques and measurable goals for measuring BMP effectiveness; and
- Define a five-year schedule for Storm Water Management Program implementation to comply with the requirements of the General Permit.

I.2 STORM WATER MANAGEMENT PLAN ORGANIZATION

Section I introduces the background and requirements associated with the General Permit and summarizes the purpose of this SWMP; provides an overview of the City, including current land use, City facilities, the watershed, water bodies, and water quality challenges. Sections 1.0 - 7.0 describes the SWMP implementation; and identify and describe the BMPs and associated measurable goals that will fulfill the requirements of the six MCMs outlined in the General Permit. Section 8.0 outlines references used.

I.3 REGULATORY BACKGROUND

In 1972 the Federal Water Pollution Control Act, known as the Clean Water Act, was enacted. The CWA established the baseline goal of attaining fishable, swimmable waters throughout the United States. In 1987, the CWA was amended to add Section 402, which established a framework for regulating discharges from MS4s as a special category of point source discharges under the NPDES Program. In 1990, the United States Environmental Protection Agency (U.S. EPA) promulgated regulations for permitting MS4s serving a population of 100,000 or more. These regulations, known as the Phase I regulations, require operators of medium and large MS4s to obtain storm water permits. The U.S. EPA adopted the Phase II Final Rule in December 1999. The Phase II regulations address storm water discharges from MS4s with a population of less than 100,000 (Small MS4s).

The SWRCB administers both the Phase I and Phase II programs in California, as established by the Porter- Cologne Water Quality Control Act of 1962 and regulated under Title 23 of the California Code of Regulations (CCR). The Phase II Final Rule promulgated by the U.S. EPA prompted the SWRCB to adopt the General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems, Water Quality Order No. 2003-0005-DWQ on April 30, 2003.

The Central Coast Regional Water Quality Control Board (RWQCB, or Water Board) is one of nine RWQCBs in California and has jurisdiction over a 300-mile-long by 40-mile-wide section of California's Central Coast. Its geographic area includes the City of Buellton and, therefore, the Water Board is responsible for the coordination and control of water quality locally, including compliance oversight associated with the General Permit.

I.4 GENERAL PERMIT APPLICABILITY TO THE CITY OF BUELLTON

The General Permit, adopted on April 30, 2003, requires permits for storm water discharges from Small MS4s and regulates storm water discharges from Small MS4s. The SWRCB defines an MS4 as:

...a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):(i) designed or used for collecting or conveying storm water; (ii) which is not a combined sewer; and (iii) which is not part of a Publicly Owned Treatment Works (POTW)(40 CFR §122.26[b][8]).

The General Permit also defines a "Small MS4" as:

...an MS4 that is not permitted under the municipal Phase I regulations, and which is "owned or operated by the United States, a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity...." (40 CFR §122.26[b][16]).

Small MS4s include systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares, but do not include separate storm sewers in 2 very discrete areas, such as individual buildings.

Small MS4s regulated under the General Permit are designated in one of the following ways:

- 1) Automatically designated by U.S. EPA pursuant to Title 40, Code of Federal Regulations (40 CFR, Section 122.32[a]) because it is located within an urbanized area as defined by the Bureau of the Census, or
- 2) Individually designated by the SWRCB or RWQCB after consideration of the following factors:
 - (a) high population density (1,000 residents per square mile), (b) high growth or growth potential (growth greater than 25% between 1990 and 2000 or anticipated growth greater than 25% over a 10-year period), (c) a significant contributor of pollutants to an interconnected permitted MS4, (d) a discharger to sensitive water bodies, and/or (e) a significant contributor of pollutants to waters of the United States.

These factors were considered by the SWRCB and/or RWQCB when evaluating whether a Small MS4 should be required to obtain coverage under the General Permit and then develop and implement a SWMP. An MS4 and the population that it serves need not meet all of the factors to be designated. The City of Buellton is a Small MS4 subject to the General Permit because it meets the criteria specified in items 2 a and d of the above referenced criteria considered by the SWRCB and RWQCB and was designated by the U.S. EPA as a regulated Small MS4 in the Phase II Final Rule.

I.5 WATER QUALITY PROTECTION CONDITIONS

In a letter dated February 15, 2008, and titled *Notification to Traditional, Small MS4s on Process for Enrolling Under the State's General Permit for Storm Water Discharges* (Central Coast Water Board 2008a.), the Central Coast Water Board defined a newly established process and schedule for SWMP approval and described expectations for SWMP content necessary for General Permit compliance. In particular the City's SWMP is required to include an array of BMPs to achieve four additional water quality protection conditions not specifically defined within the General Permit. These conditions and their associated implementation requirements are as follows:

1. Maximize Infiltration of Clean Storm Water, and Minimize Runoff Volume and Rate

This condition requires the City to present a schedule for developing and adopting control standards for hydromodification. The schedule for adopting hydromodification control standards is required to include:

- Numeric criteria for controlling storm water runoff volume and rates from new development and redevelopment;
- Numeric criteria for stream stability required to protect downstream beneficial uses and prevent physical changes to downstream channels that would adversely affect the physical structure, biologic condition, and water quality of streams;
- Specific applicability criteria, land disturbance acreage thresholds, and exemptions;
- Performance criteria for control BMPs and an inspection program to ensure proper long-term functioning; and
- Education requirements for appropriate municipal staff on hydromodification and low- impact development.

2. Protect Riparian Areas, Wetlands, and Their Buffer Zones

This condition requires the City to present a strategy to adopt and implement BMPs and/or other control measures to establish and maintain a minimum 30-foot buffer zone for identified riparian areas (includes, at a minimum, all rivers, creeks, intermittent creeks, lakes, and wetlands) (The City currently has a 30' setback requirement in place.)

3. Minimize Pollutant Loading

This condition requires the City develop a strategy to reduce pollutant loading through the use of BMPs and/or other control measures including volume- and/or flow-based treatment criteria.

4. Provide Long-Term Watershed Protection

This condition requires the City to present a strategy to develop a watershed-based Hydromodification Management Plan (HMP). The Central Coast Water Board requires that the HMP incorporate Low Impact Development (LID) strategies. Depending on local conditions, the goal of these strategies will be post construction stormwater management that achieves an effective impervious area of no more than 3 to 10 percent of watershed area within the City's jurisdiction.

I.6 ACHIEVING THE WATER QUALITY CONDITIONS

The City acknowledges the importance of protecting water quality, beneficial uses, and the biological and physical integrity of its watersheds and is determined to attain compliance with the General Permit and the aforementioned Water Quality Conditions. Therefore, specific BMPs have been selected and defined in this SWMP to realize these goals. The City—with the support of the public, staff, and Central Coast Water Board—is confident it can reduce the discharge of pollutants to the Maximum Extent Practicable (MEP), establish and effectively manage hydromodification controls, and address specific water quality challenges it currently faces.

The selected BMPs are defined and identified in the BMP identification list on page five (5) of this document and the potential pollutants activities/sources and related POC group and BMP are identified in the table on the following page.

Table I-1 Potential Pollutant Sources

Land Use - Generating sites	Potential Pollutant Activities /Source	POC Group	BMP Cross Reference
Residential Apartments Multi-Family Single family	Driveway and sidewalk cleaning Dumping/spills Vehicle and equipment upkeep & washing Landscape upkeep & irrigation Septic system upkeep Swimming pool & spa discharges Illicit connections Sump dewatering Painting	Sediment Nutrients (P, N, N03, N02) Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	PE.1, PE.2, PE.3,PE.4, PE.5,PE.6,PE.7, PE.9,PE.10, PE.11 PI.1, PI.2, PI.3, PI.4,PI.5 ID.1, ID.2, ID-3, ID.4,ID.5, ID.6,ID.7 GH-1, GH2, GH-3, PP.1,PP.3
Commercial Golf courses Auto sales, dismantling, maintenance and oil change shops Gas stations Commercial laundry & dry cleaning Nurseries/garden centers Restaurants Agriculture	Building upkeep (power washing) Dumping and spills Landscaping & grounds upkeep Outdoor fluid storage Parking lot upkeep (power washing) Vehicle fueling, upkeep, repair, & washing Wash down of greasy equipment & grease traps Illicit connections Sump dewatering Carpeting	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	PE.1, PE.2, PE.3, PE.4, PE.5, PE.6, PE.7, PE.8, PE.9, PE.10, PE.11 PI.1,PI.2, PI.3, PI.4,PI.5 ID.1, ID.2, ID.3,ID.4, ID.5,ID.6, ID.7 GH-1,GH.2,GH.3 PP.1,PP.3
Industrial Auto recyclers Distribution centers Food processing Garbage truck washouts Metal plating operations Petroleum storage refining	All commercial activities Industrial process or rinse water Loading and un-loading area wash downs Parking lot upkeep (power washing) Outdoor material storage (fluids) Illicit connections Sump Dewatering	Nutrients (P, N, N03, N02) Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	PE.1,PE.2, PE.4,PE.5, PE.6, PE.7,PE.8,PE.10, PE.11 PI.1, PI.2, PI.3, PI.4,PI.5 ID.1, ID.2,ID.3 ID.4, ID.5,ID.6 GH.1, GH.2,GH.3, PP.1,PP.3
Institutional Cemeteries Churches Corporate campuses Hospitals Schools & universities	Building upkeep (power washing) Dumping and spills Swimming pool and spa discharges Landscaping and grounds irrigation Parking lot upkeep (power washing) Vehicle washing Illicit connections Sump dewatering	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Pesticides Gross Pollutants (trash, debris)	PE.1,PE.2, PE.3, PE.5, PE.6,PE.7,PE.8,PE.9,PE.10 PE.11 PI.1, PI.2, PI.3, PI.4,PI.5 ID.1, ID.2,ID.3, ID.4, ID.5,ID.6 GH.1, GH.2, GH.3, PP.1,PP.3
Municipal Airports Landfills Maintenance depots Municipal fleet storage Public works yards Streets and highways	Building upkeep (power washing) Dumping and spills Landscaping and grounds irrigation Outdoor fluid storage Parking lot upkeep (power washing) Road maintenance Spill prevention and response Vehicle fueling, upkeep, repair washing Illicit connections	Sediment Nutrients CP, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	PE.1,PE.2, PE.4, PE.5, PE.6, PE.7,PE.9,PE.10, PE.11 PI.1, PI.2, PI.3, PI.4,PI.5 ID.1, ID.2,ID.3, ID.4, ID.5, ID.6,ID.7 GH.1, GH.2, GH.3, PP.1,PP.2, PP.3
Other/All Mobile services Parks Multi-use detention basins and detention /recharge basins Construction sites	Vehicle accidents Mobile car wash and auto detailers, painters, power washers, pet washers, and food vendors New development and redevelopment Homeless encampments Operations and maintenance	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	PE.1,PE.2, PE.4, PE.5, PE.7,PE.10, PE.11 PI.1, PI.2, PI.3, PI.4,PI.5 ID.1, ID.2,ID.3, ID.4, ID.5,ID.6, ID.7 CS.1, CS.2, CS.3, CS.4,CS.5, CS.6,CS.7,CS.8 PC.1, PC.2, PC.3, PC.4,PC.5,PC.6,PC.7,PC.8, PC.9,PC.10 GH.1, GH.2, GH.3, PP.1,PP.2,PP.3

I.7 Measuring Program Effectiveness

In accordance with the requirements of the General Permit, the City of Buellton intends to conduct periodic assessments and reporting on the effectiveness of its Municipal Storm Water Program. Due to the fact that measurable improvement in water quality will take time to demonstrate, the City proposes an iterative approach of short-term and long-term effectiveness assessments to ensure continuous progress in achieving broader program goals. The City will utilize the guidance within the Municipal Stormwater Program Effectiveness Assessment Guide (California Stormwater Quality Association [CASQA], 2007) as a framework for conducting future program effectiveness assessments. The City is confident that using the approach and strategy defined within the CASQA guide will assist the City to achieve its goals efficiently and cost-effectively.

I.7.1 Short-Term Effectiveness Assessment

The City will evaluate measurable goals to determine their effectiveness at complying with General Permit conditions, protecting water quality, and reducing pollutants in stormwater to the MEP and will modify its measurable goals and activities to increase the effectiveness of its stormwater program. During the first year of program implementation, the City of Buellton will develop a defined strategy for assessing program and BMP effectiveness. This will include:

- Identification of quantifiable measures, appropriate to each BMP, that assess effectiveness at achieving regulatory compliance, meeting measurable goals, changing awareness, changing behavior, and reducing pollutant loads. These measures will be used during annual effectiveness assessments.
- Identification of quantifiable measures that collectively assess program effectiveness in terms of runoff and receiving water quality. These measures will be used during long-term effectiveness assessments at appropriately determined intervals.

The City will initially establish the purpose or focus of the assessment and conduct a thorough evaluation of measurable goals specified within this SWMP. This evaluation will be based upon the assessment of six “Outcome Levels” defined within the CASQA guide. Outcome Levels are intended to categorize and describe the desired results or goals of programs and minimum control measures. They include:

- Level 1: Documenting activities;
- Level 2: Raising awareness;
- Level 3: Changing behavior;
- Level 4: Reducing loads from sources;
- Level 5: Improving runoff quality; and
- Level 6: Protecting receiving water quality

During this evaluation, the City will identify specific water quality and implementation “Assessment Methods” it will use to assess program and BMP effectiveness. CASQA identifies the following Assessment Methods for potential use: confirmation, tabulation, surveys, inspections, quantification, and monitoring. For the purpose of supporting long-term effectiveness assessments, reference or baseline conditions will also be established. Where necessary, additional measurable goals will be incorporated into the SWMP and their inclusion noted within the City’s Annual Report.

The City will continue to assess BMP and program effectiveness using the effectiveness assessment methods defined during the first year of program implementation. The City will have completed an assessment of Community Based Social Marketing (CBSM) strategies and how they could make the City’s educational programs more effective and will have incorporated CBSM strategies into the educational

program, where appropriate by the end of third year of the program. During the second and third year of program implementation, the City will make an effort to include more quantifiable measures of BMP and program effectiveness and continue to implement the BMPs identified within this SWMP.

During the second and third year, greater attention will also be given to integrating the results of implementation efforts and water quality monitoring (City, State, and non-profit) efforts for the purpose of identifying opportunities for program modification. The City will modify the stormwater program and BMPs, as necessary, to achieve compliance with General Permit conditions, including the MEP standard and protection of water quality. Proposed program modifications will always be noted within the City’s Annual Reports.

I.7.2 Long-Term Effectiveness Assessment

During the fourth and fifth year of program implementation, the City will continue to implement the effectiveness strategy established during the first year. The City will continue to conduct an annual integrated assessment of program implementation efforts as described within the CASQA guide. More specifically, the City intends to determine relationships between program implementation assessments and water quality assessments with the ultimate goal of establishing whether or not program implementation is protecting or improving water quality.

The City intends to consider the various factors which could present challenges for continued assessment including: participation rate, spatial and temporal scales, implementation of multiple activities, rainfall and runoff characteristics, and costs. Given the City’s budgetary constraints and commitment to protecting and improving water quality, long-term effectiveness will be a critical step for the City to achieve its goals efficiently and cost-effectively.

I.8 CITY DEPARTMENTS AND COORDINATION

Implementation of the City of Buellton SWMP involves several City departments and requires total City involvement and support. Dedicated efforts stem from the staff of the Public Works, Engineering, Planning and Building, Recreation and Parks and the offices of the City Manager and City Attorney. The Program will be managed by the Engineering Department with significant support from the Planning and Public Works Departments. The City Engineer and Stormwater Compliance Officer will be responsible for implementing or coordinating each minimum control measure and the program as a whole. Contact information for those directly involved in the implementation and planning is provided in Table I-2;

Table I-2 Buellton Staff Contacts

Department	Name	Title	Phone
City Manager	John Kunkel	City Manager	686-0137
City Clerk	Linda Reid	City Clerk	686-0137
Planning/ Building	Marc Bierdzinski	Planning Director	688-7474
City Attorney Office	Ralph Hanson	City Attorney	949-863-3363
Public Works	William Albrecht	Public Works Director	686-0086
Engineering	MNS Engineers	City Engineer/Stormwater Compliance	688-5200
Recreations and Parks	Kyle Abello	Parks and Recreation Coordinator	688-PLAY

I.9 TIMELINE

The City of Buellton’s original SWMP was submitted to the Central Coast Water Board in accordance with the timeline established by the Phase II Final Rule. The Phase II Final Rule required the City to submit a Notice of Intent (NOI) and SWMP to the Central Coast Water Board on or before September, 2003.

The initial submittal received comment and review from the Regional Water Board and was re-submitted in November of 2005. In February of 2006 letters recommending further revisions were received by the Water Board from Santa Barbara Channelkeeper and Heal the Ocean. These organizations requested the addition of BMPs with regard to public involvement and education, enforcement actions against violators, and stronger guidelines for construction activities. This 2010 revision of the SWMP addresses those concerns.

The SWMP will be implemented over the term of the permit coverage as described in Sections 1.0 through 7.0. Each MCM and its associated BMPs have their own implementation schedule based on program priorities.

I.10 LEGAL AUTHORITY AND ENFORCEMENT

The City of Buellton has adopted numerous ordinances over the years to create and maintain a healthy, safe, and pleasant environment in which to live, work, and play. In order to maintain and enhance the quality of life in Buellton, the Code Compliance Division of the City Attorney's office investigates and resolves municipal code violations on private property, including:

- Building or remodeling without permits;
- Garage conversions;
- Substandard housing such as lack of heat, hot water, or sanitation;
- Inoperative vehicles on private property such as vehicles supported on blocks or jacks; burned or abandoned; or vehicles stored with flat tires;
- Vehicles parked on lawns;
- Zoning complaints such as a business in a residential district;
- Noise complaints, including noise from dogs and roosters;
- Blighted property such as abandoned or open structures;
- Weeds, junk, and debris on private property; and
- Signs unlawfully displayed.

Sources of the City's legal authority to enforce this SWMP include the General Plan, the Municipal Code, the building and development plan review and grading permit processes, Public Works Department's Standard Specifications, and solid waste regulations. The City has adequate legal authority to enforce the current ordinance already in place to protect water quality, but is committed to write and/or adopt additional ordinances to the Municipal Code to specifically implement the SWMP (see Sections 3-6 for applicable BMPs).

This includes a commitment by the City to:

- Develop or adopt an existing stormwater ordinance and once adopted implement same;
- Enforce current stormwater codes and/or ordinances at 100% of construction sites, until such time as the current codes and/or ordinances are replaced by revised codes and/or ordinances;
- Evaluate the effectiveness of current stormwater codes and/or ordinances and whether they comply with all General Permit requirements;
- Modify its current stormwater codes and/or ordinances, if necessary, to comply with all General Permit requirements; and
- Implement and enforce the new ordinance and where not already identified commit to develop a schedule for when the City will develop and/or adopt, and implement the new codes and/or ordinances.

The City will maintain its legal authority to implement and enforce the SWMP to reduce the discharge of pollutants from the MS4 to the MEP and to protect water quality.

The City's Engineering Department is responsible for inspecting all new development and construction sites and facilitating any enforcement actions that may result.

The City's Department of Public Works is responsible for inspecting existing commercial and industrial facilities. The City is committed to enforcing the SWMP and the Municipal Code up to and including prosecution, administrative remedies, penalties, costs or other legal actions.

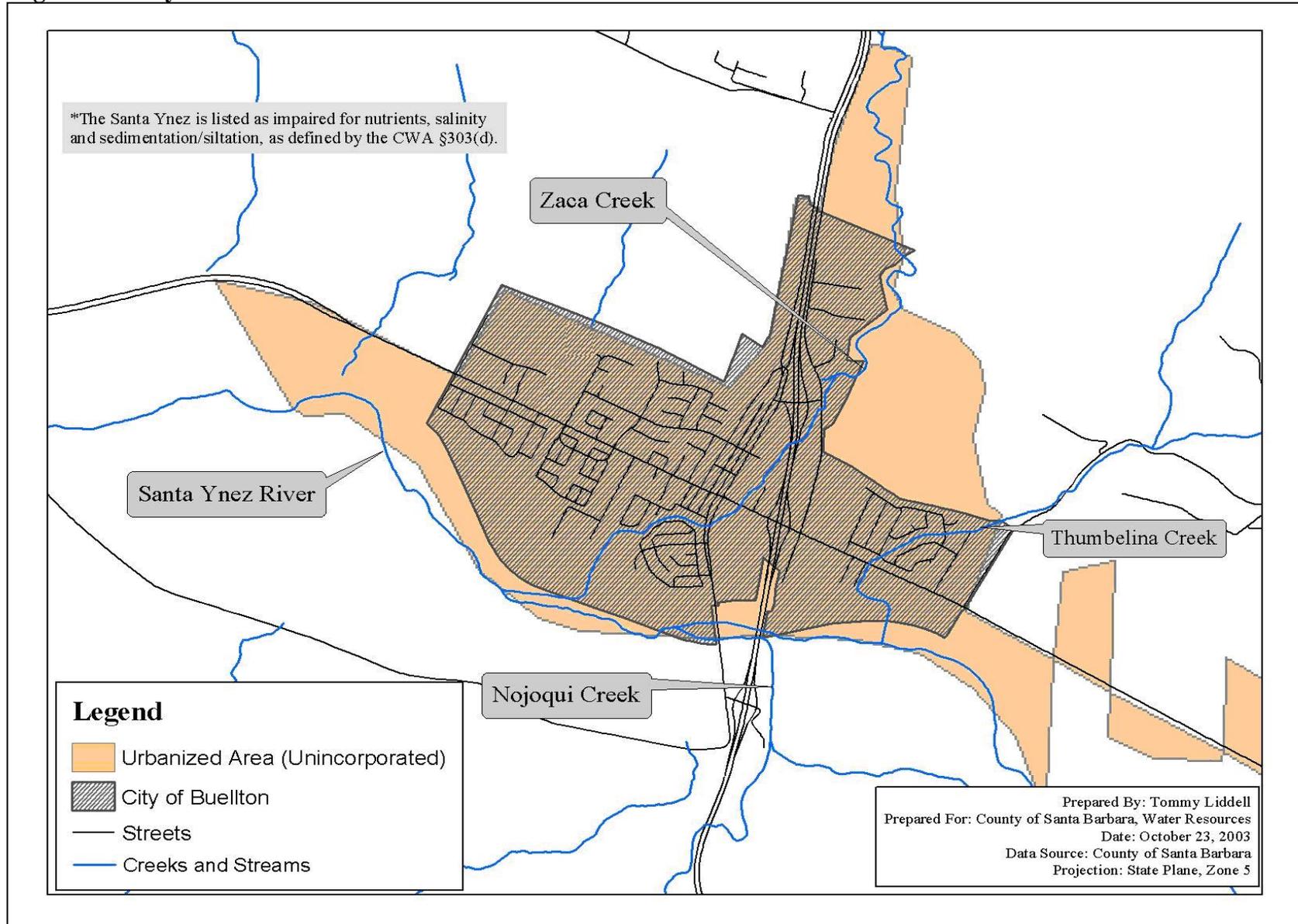
The City currently has on staff a Professional Engineer and/or a certified Stormwater Compliance Officer to support implementation of the SWMP and enforcement of the Municipal Code as it relates to storm water quality, illicit discharges and connections, construction storm water controls, and post-construction storm water controls and maintenance.

I.11 ENFORCEMENT PROCESS

City Departments coordinate internally to expedite investigation into violations observed or reported via a direct call or written complaint to any City Department or the Santa Barbara County hotline. Once received by the Stormwater Compliance Officer and based on the merits of each individual case, an appropriate municipal code section is applied to the violation (if any). Depending on the individual factors associated with a particular case as outlined in Municipal Code Chapter 1.28 CODE VIOLATIONS, PENALTIES AND ENFORCEMENT. If compliance is not achieved, actions may include the issuance of an administrative citation, compliance order issued by the City Council, injunctive relief, criminal prosecution or other legal pursuits.

The Planning Department has an established process for verifying resolution of a Municipal Code violation. Verification can be addressed by the Code Compliance Officer or by a representative from another Department. All phases of the enforcement process are tracked by the Planning Department using an Excel spreadsheet which is updated on a monthly basis.

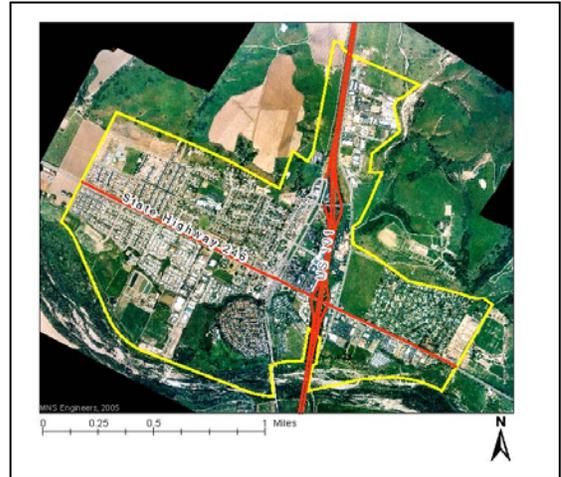
Figure 1-1. City of Buellton



CITY OF BUELLTON OVERVIEW

Buellton is located on US Highway 101 in Santa Barbara County. Founded in 1920 and incorporated in 1992, the City today has an estimated population of 4,600 a 17% increase since the previous census figures of 3,828 in 2000. The population is approximately 82.5% Caucasian 14.6 % Hispanic/Latino and 2.9% other races combined. The median age is 38 and median annual income is approximately \$70,243. Los Angeles is two hours south of Buellton on US 101, and San Francisco is about a five-hour drive north on US 101 or scenic Highway 1.

Buellton is one of eight incorporated cities within Santa Barbara County. The City’s present Sphere of Influence (SOI) is coterminous with the City Limits. The City operates under a five-member City Council, five-member Planning Commission, five-member Parks and Recreation Commission and City Manager form of government. The City adopted a general plan and also established a Redevelopment Agency for a project area of about 180 acres in November 1993. The City Council members also serve as members of the Redevelopment Agency, and the City Manager holds the title of Executive Director of Redevelopment.

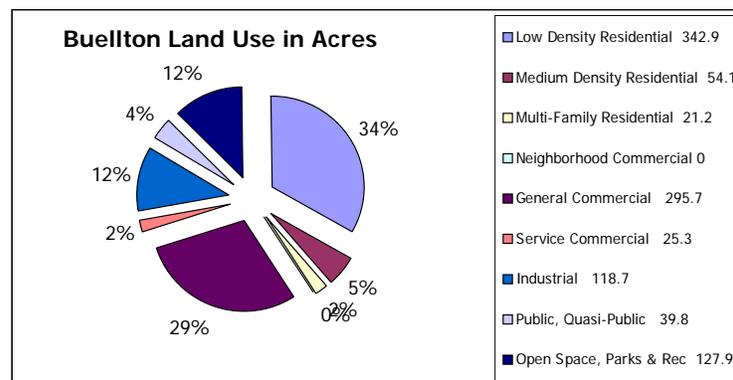


CLIMATE

Buellton enjoys a Mediterranean coastal climate with mild, dry summers and cool, wet winters. Typical summer temperatures are in the 80s and winter temperatures hover in the 60s. Winter lows are generally in the 30s with an occasional frosty dip below freezing. Yearly precipitation averages about 13 inches between the months of November and March. Storms usually come from the northwest during the winter months. Offshore afternoon winds from the northwest occur throughout the year. “Santa Ana” winds also occur during the fall and winter. These are warm, dry northeasterly winds of 15-20 mph. Although the surrounding areas of the Santa Ynez Valley are known for their agricultural uses, the City of Buellton itself does not contain any Agricultural zoned areas.

LAND USE

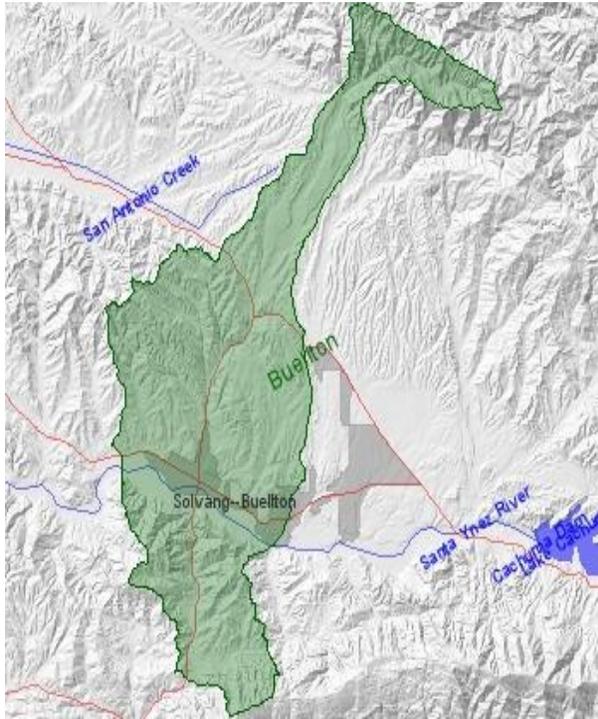
Currently 93% of the City’s 1,025.6 acres are built out. Estimated build out dates fall between 2009 and 2024 for residential land and between 2020 and 2025 for commercial and industrial land. The city currently has 42% of its total area covered by impervious surfaces. Of the land currently developed within the City 39% is residential and 24 % is zoned commercial/industrial, future development will primarily take the form of industrial and commercial as the ratio of developed and undeveloped land is 40% residential and 43% commercial/industrial, with the remaining 17% being held in City owned property.



WATERSHED AND SURFACE WATERS

Buellton is part of the Buellton Uplands Groundwater Basin of the Santa Ynez River Watershed. Available Storage in the Buellton Uplands Basin is estimated to be 154,000 AF. Based on an estimated average of 26% return flows, Safe Yield for gross pumpage (Perennial Yield) is estimated to be 3,740 AFY. Estimated pumpage from the basin is 2,599 AFY (gross) and 1,932 AFY (net). Thus, the basin is considered by the Water Agency to be in a state of surplus with natural recharge exceeding pumpage by a net 800 AFY.

The Buellton Uplands Groundwater Basin encompasses about 29 square miles located about 18 miles east of the Pacific Ocean and directly north of the Santa Ynez River. The basin boundaries include the impermeable bedrock of the Purisima Hills to the north, the Santa Ynez River Fault to the south, a limited connection to the Santa Ynez Upland Groundwater Basin to the east and a topographic (drainage) divide with the Lompoc Basin to the west. The Santa Ynez River Riparian Basin sediments overlie portions of the Buellton Uplands in the south-east part of the basin.



While not a part of the Santa Ynez River system, the Santa Ynez, Buellton and Lompoc Uplands provide extracted groundwater to meet demands in their respective areas within the watershed. Two groundwater systems are associated with the Santa Ynez River. These are divided at the Lompoc Narrows. The groundwater system east of the Narrows is considered as the subsurface flow of the Santa Ynez River. The system to the west is known as the Below Narrows Groundwater Basin and is defined as a percolating groundwater system.

The City's MS4 consists of curbs and gutters, a network of open and closed storm water drains and portions of Zaca and Thumbelina creeks. Zaca Creek is identified by the Federal Emergency Management Agency (FEMA) as having a 100 year peak discharge value of 3,250 cubic feet per second (cfs) with five existing breakouts; at the MacMurray Road culvert, at U.S. Highway 101, at State Highway 246, at the Anderson Inn culvert, and at Avenue of the Flags. Thumbelina Creek has been identified by FEMA as having a 100 year peak discharge value of between 930 and 970 cfs.

The larger storm water conveyance ditches, channels, and basins are primarily owned and maintained by Santa Barbara County Flood Control and Water Conservation District (FCD). The City's MS4 essentially discharges to the FCD's MS4; City flow then co-mingles with County flow and agricultural tail water. The entire flood control system was initially constructed with the intent to manage and convey flood waters many years before water quality issues were a concern. In recent years it has become recognized that this co-mingled surface flow is impacting both groundwater and the Santa Ynez River. The Santa Ynez River is under the jurisdiction of the County of Santa Barbara and is currently listed as "impaired" by the State of California for nutrients, salinity and sedimentation/siltation. The River itself and the origination points of those creeks passing through the areas adjacent to the City are current areas designated under the County's jurisdiction.

MINIMUM CONTROL MEASURES

The implementation and evaluation of the six minimum control measures, listed on page 6 and detailed below, comprise the heart of the City's Storm Water Management Program. Within each MCM category, specific BMPs were selected based on a number of factors including input from community members and the results of physical observations of local creeks. Information collected by the City and other reports pertaining to this SWMP may be reviewed at the City offices (City of Buellton, 140 W. Highway 246. Buellton, California 93427) or at the City website at: www.CityofBuellton.com. The information collected by the County is summarized in annual reports and other studies posted on the County website at www.countyofsb.org/project_cleanwater.

1.0 PUBLIC EDUCATION AND OUTREACH

This minimum control measure is intended to ensure greater public support and compliance for the storm water management program. Specifically these efforts are to teach the public the importance of protecting stormwater quality, both for the benefit of the environment and human health. The role of each community member, both at home and work, is a particular emphasis. The City has already begun and will continue to partner with other local municipalities, such as the County of Santa Barbara and the Cities of Lompoc, Santa Maria, Solvang, Goleta, Santa Barbara, and Carpinteria to develop educational materials and host civic events.

1.1 Minimum Requirements

USEPA guidelines establish the following "Best Management Practices" for Public Education and Outreach Minimum Control Measure (*Fact Sheet 2.3 – Public Education and Outreach Minimum Control Measure, 01/00*):

- Distribute educational materials on the impact of storm water discharges and steps that can be taken to reduce storm water pollution
- Brochures or fact sheets
- Alternative information sources such as web sites, bumper stickers, and refrigerator magnets
- A library of educational materials
- Volunteer citizen educators
- Event participation
- Educational programs for school children
- Storm drain stenciling
- Storm water hotlines

These and other activities will be utilized to inform people of the impacts of stormwater discharges on water bodies; of the steps they can take to reduce pollutants in stormwater; and how they can become involved in restoration activities.

1.2 Best Management Practices

The City will implement the Best Management Practices and Measurable Goals described below. Effectiveness Measures and Measurable Goals are outlined in tables immediately following the descriptions

PE.1 – Brochures: The City will partner with the County of Santa Barbara and other local municipalities to have available and distribute a series of informational brochures on storm water quality targeting gardeners, dog and horse owners, creek side residents, and homeowners. Additional informational

brochures include a general storm water brochure called “Storm Drains Lead Straight to the Ocean”, and a brochure on proper disposal of and alternatives to hazardous household products. The City has created a portable stormwater information display utilizing these brochures that is available for use at meetings and has been used at Planning Commission, Council and Chamber meetings.

Measurable Goals:

These materials are all produced in both English and Spanish.

a. Brochures outlined in Table 1-1 will be available in English and Spanish online (through the link to the County’s website), at City offices, distributed at the annual clean up day event, other city events (e.g., the annual BBQ), at City Council meetings, by mail on request, and through enforcement activities. A portable “stormwater exhibit” has been developed utilizing the brochures and will be on display at events and meetings.

Years 1-5

b. An LID informational brochure will be distributed at the City zoning counter with each new zoning application, and by request online through the Planning Department website. All information will be available with a target of distributing to 100% of zoning applicants.

Years 2-5

Table 1-1 Available Brochures

Brochure Title	POC Addressed
Creek side Concerns	All POC Groups listed under residential in Table I-1
Creek Care Guide	All POC Groups listed under residential in Table I-1
A Dog Owner’s Duty	Pathogens
Gardener’s Guide to Clean Water	All POC Groups listed under residential in Table I-1
Helpful Hints for Horse Owners	Pathogens, Gross pollutants, toxics, pesticides
Sustainable Landscaping	All POC Groups listed under residential in Table I-1
How to Be Water Wise in your Garden	All POC Groups listed under residential in Table I-1
Storm Drains Lead Straight to the Ocean	All POC Groups listed under residential in Table I-1
Recognizing and Reporting Stormwater Pollution	All POC Groups listed under residential in Table I-1

PE.2 - Webpage: A page was added to the existing City web site to explain storm water issues and include a copy of the SWMP. The City has linked to the County of Santa Barbara’s web site, which features general information, copies of reports, studies, and educational materials, and a calendar of events. The City has and will continue to distributed materials that list the web site address and a hotline phone number (described below).

Measurable Goals:

a. The City will maintain and update its current stormwater page quarterly to feature current SWMP documents and general information. It will continue to provide a link to the County of Santa Barbara’s web site. The County site features copies of brochures, reports, studies, and educational materials, and a calendar of events.

Years 1-5

b. Publish webpage information on all educational documents.

Years 1-5

c. The annual stormwater survey (PE.7, PE.10) survey will contain one question pertaining to the stormwater webpage.

Years 3-5

PE.3 - Event Participation: Stormwater brochures and other available information will be distributed at one annual clean up event (PI.3) and two (2) other events each year. The additional events will be selected on the basis of which will provide the most exposure, and may include—but not be limited to—the annual BBQ, parks and recreation events, and city meetings.

Measurable Goals:

a. A booth or stormwater exhibit will be staffed by the City - for the purpose of educating people and distributing information about stormwater issues - at the annual clean up event and two other city events to be determined, based upon which events will provide the most exposure.

Years 1-5

b. A short quiz or contest will be held to identify areas of concern.

Years 2-5

PE.4 - Educational Programs for School Children: The City has sponsored distribution of Storm water activity books to teachers in the grade schools located within the City limits for each child enrolled in grades K-8. (see Appendix C). Future plans include semi-annual meetings with educators and park staff to determine the best path to the most children; this may include but is not limited to puzzle contests, hands on stormwater kits and interactive shows. Park clean up will extend to streets surrounding the City parks and will be held the Saturday following Halloween. Advertising of the clean up may include poster distribution at city buildings and schools, publication in the Banner, or a local newspaper and on local radio.

Measurable Goals:

a. The City will distribute, review and revise the materials distributed as required throughout the life of the permit with a goal of providing materials to school staff to facilitate the education of 50% of school children (K-8) every two years. City staff will coordinate with school staff to ensure that 50% of (K-8) school children receive stormwater education as specified.

Years 1-5

b. Staff will also conduct semi-annual meetings with teachers and parks and recreation staff to evaluate and adjust any programs offered.

Years 2-5

c. The City will hold an after-program contest to determine if the information was assimilated.

Years 3-5

PE.5 - Storm drain marking: The City has completed marking all storm drain drop inlets with markers that say “Only Rain - Down the Storm Drain”. All new storm drain inlets will be marked as installed. (see Appendix C)

Measurable Goals:

a. The City has already completed marking 100% percent of the storm drains within its jurisdiction. Staff will continue to monitor and repair the markers by checking them annually and replacing as necessary.

Years 1-5

b. All new storm drains will be required to be marked as installed. Such marking will be required in conditions of approval for any development or redevelopment project.

Years 2-5

c. In order to determine if the general public identifies with the storm drain markers, one question in the online/direct mail survey will address the purpose of the markers.

Years 2-5

PE.6 - Stormwater Hotline: The regional Water Quality Hotline is accessible at 1-877-OUR-OCEAN. The City is included allowing callers from Buellton to report water quality issues or get information such as where to dispose of hazardous waste. In addition, residents may call the City directly to report a water quality issue.

Measurable Goals:

a. The City will promote the use of the hotline through all printed materials and the web site.

Years 1-5

b. The City will log the number of calls received and respond to 100% of calls received by sending appropriate personnel. The City will document the nature of each call; the date, location, and type of any discharge reported; the City's response, including enforcement and abatement actions, and the results of the City's response.

Years 1-5

c. Staff will include a question about the hotline in the online and direct mail surveys (PE.7/ PE.10). Answers will be tabulated and staff will identify areas that require additional focus.

Years 3-5

PE.7- Direct Mail / Media Campaigns: Since June of 2008 storm water information including that gleaned from the above mentioned brochures has also appeared in the Buellton Banner a quarterly newsletter that is mailed to each resident within the city limits. Three out of four annual future quarterly issues of the Banner will contain either an article or advertisement addressing something pertaining to Stormwater management, annual events, recycling and hazardous waste disposal. Other print ads or articles will appear in local newspapers as deemed appropriate and necessary.

Measurable Goals:

a. The City will place stormwater related articles in three out of four of the annual of the issues of the Banner(PE.7).

Years 1-5.

b. One question about the Banner articles will be included in the online and direct mail surveys (PE.10).

Years 3-5

PE.8 - Business Outreach: The City does not currently require business licenses or permits and therefore will distribute stormwater information sheets brochures relevant to the type of businesses to all applicants seeking zoning clearance and during any site visit. Brochures and posters (currently developed by the County), in English and Spanish, which target restaurants, automotive services, construction contractors, and mobile cleaners will also be on display in City offices and distributed during site visits by City staff and EHS restaurant inspectors. These brochures address topics including but not limited to: sidewalk/exterior washing, vehicle storage and maintenance, maintenance of parking areas, spill prevention and response, garbage management, loading docks, and landscaping. Those targeting restaurants will also address equipment washing/degreasing and disposal of grease; those targeting automobile service businesses will address parts cleaning/degreasing, oil/fluid storage and disposal, leak

prevention and clean-up, materials and vehicle storage, and painting. The City will also coordinate its ongoing outreach from the Buellton Public Works Department, specifically in the area of wastewater treatment to offer BMP training to restaurant managers.

Measurable Goals:

a. The City will distribute appropriate business related informational materials/brochures annually, as well zoning clearance materials to businesses.
Year 1-5.

b. Staff will ask business owners during any site visit or other interaction; a) if they are familiar with the stormwater program; b) if they are aware of the requirements imposed for their type of business; c) and if they believe their business to be in compliance with those requirements. Staff will visit 75% of all new businesses and 20% of existing businesses annually, with a target of increasing awareness by 10% annually.
Years 2-5.

c. During any site visit Staff will inspect businesses for compliance with stormwater requirements. Staff will visit 75% of all new businesses and 20% of existing businesses annually.
Years 2-5

d. Staff will achieve compliance with stormwater requirements at all businesses inspected annually through the use of established enforcement procedures.
Years 2-5

PE.9 – Stormwater Exhibit as Part of Botanical Garden: The newly created Botanical Garden will contain a Stormwater exhibit. The content of this exhibit is to be designed and maintained by the Botanic Garden Volunteer Group and is contained within their overall site plan. Brochures relating to sustainable landscaping, stormwater and LID techniques as well as contact numbers for more information will be made available through the City’s Planning Department.

Measurable Goals:

a. The City assists the volunteer group by providing informational brochures and signs in the City’s Botanical Garden and inspect the exhibits quarterly to ensure it is inviting to visitors and properly maintained. The City will provide brochures and supplies for public education and outreach during events held at or regarding the Botanical Garden.
Years 1-5

b. A question about the botanical garden will be included in the annual educational program quiz in schools and in the online and direct mail survey (see PE.2, PE.4, PE.7 and PE.10.)
Years 3-5

PE.10 – Public Survey –The City will develop and administer an online quiz or survey to assess the effectiveness of the City’s public education and outreach activities. The City will use the results of the survey/quiz to identify areas for greater focus, and will modify its education and outreach activities as necessary to achieve the MEP standard.

Measurable Goals:

a. The City will develop an assessment strategy such as an online quiz or survey containing at least one question pertaining to each of the City’s stormwater related public education and outreach activities.
Year 2

b. Administer the survey through the Banner and the website achieving a return rate of 15% of the City’s population.
Years 2-5

PE.11 – Community-Based Social Marketing: The purpose of the City’s educational efforts is to achieve changes in people’s behavior related to stormwater that will improve the quality of the City’s stormwater and surface waters. Community-based social marketing is a particular marketing strategy, based upon research in the social sciences that demonstrates that behavior change is most effectively achieved through initiatives delivered at the community level which focus on removing barriers to an activity while simultaneously enhancing the activity’s benefits. The City will assess community-based social marketing strategies, and will incorporate them into the SWMP where the City determines they will increase the effectiveness of the public education and outreach program.

Measurable Goals:

a. Assess community-based marketing strategies, and determine how they might increase the effectiveness of the City’s public education and outreach program.
Years 2-3

b. The City will modify its public education and outreach efforts, as necessary, to incorporate community-based social marketing strategies where the City determines they can improve the public education and outreach program.
Year 3

1.3 Reporting

The data collected for each measure (such as number of brochures distributed, number of print ads run, number of students in attendance, etc.) will be compiled, reviewed and summarized in annual reports. Significant variance from targets will be assessed and discussed in annual reports. Progress in implementing goals that have multi-year timelines (such as educational programs, event participation, and media campaign) will also be reported annually. Implementation of existing BMPS will be fine tuned as needed. Measurable goals will be adjusted as appropriate, and the basis for any changes will be included in the next annual report.

**Table 1-2
BMP Implementation: Public Education & Outreach**

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PE.1	Pathogens, Sediments Nutrients (P, N, NO3, NO2) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Brochures	a. Brochures and posters provided in Spanish and English will be available online through the link to the County’s website , at city offices, at events, at City Council meetings and by mail upon request	1-5	a. Compile numbers of brochures and alternative information sources distributed on excel spreadsheet	Stormwater Compliance Officer
			b. Distribute LID brochure to 100% of zoning applicants and by request online through the Planning Department website	2-5	b. Compile number of informational brochures distributed through Planning Department on excel spreadsheet. Document percentage of applicants who incorporate some type of LID in their projects on excel spreadsheet	

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PE.2	Pathogens, Sediments Nutrients (P, N, NO3, NO2) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Webpage	a. Maintain the stormwater webpage quarterly to feature current SWMP documents and general information, and provide links to the County webpage.	1- 5	a. Update information on a quarterly basis	Stormwater Compliance Officer
			b. Publish webpage information on all educational documents.	1-5	b. Compile number of webpage hits	
			c. Add a question to the online direct mail survey (PE.10) to insure residents are aware of the Stormwater webpage and County links.	3-5	c. The annual survey (PE.10) will contain one question pertaining to the stormwater webpage.	
PE.3	Pathogens, Sediments Nutrients (P, N, NO3, NO2) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Event Participation	a. A booth or stormwater exhibit will be staffed by the City - for the purpose of educating people and distributing information about stormwater issues - at the annual clean up event and two other city events to be determined, based on which events will provide the most exposure.	1- 5	a. Staff will document the numbers of adults and children in attendance at each event (and when possible identify attendees to add to an interested parties list), types of brochures distributed and other pertinent information at each event and maintain an excel spreadsheet containing types of brochures and other information distributed or requested and evaluate annually	Stormwater Compliance Officer
			b. A short quiz or contest will be held to identify areas of concern.	2-5	b. Distribute, tabulate and review answer to a short quiz to identify areas of concern or that require more focus	
PE.4	Pathogens, Sediments Nutrients (P, N, NO3, NO2) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Educational programs for children	a. The City will distribute, review and revise the materials distributed as required throughout the life of the permit with a goal of educating 50% of school children (K-8) every two years. City staff will coordinate with school staff to ensure that 50% of school children (K-8) receive stormwater education as specified.	1-5	a. Document the types of educational materials distributed and the numbers of children in receipt of the materials and participating in any type of clean up/ stormwater related annually.	Stormwater Compliance Officer
			b. Staff will also conduct semi-annual meetings with teachers and parks and recreation staff to evaluate and adjust any programs offered.	2-5	b. Document attendance and topics discussed	
			c. The City will hold an after-program contest/quiz to determine if the information was assimilated.	3-5	c. Answers will be evaluated to determine areas requiring more stress. Tabulate responses and areas that require additional focus and adjust program accordingly.	

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PE.5	Pathogens, Sediments Nutrients (P, N, NO3, NO2) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Storm Drain Marking	a. The City has already completed marking 100% percent of the storm drains within its jurisdiction. Staff will continue to monitor and repair the existing markers by checking them annually and replacing as necessary.	1- 5	a. Staff will update the storm drain map accordingly as marker maintenance/ updates occur. c. Answers will be tabulated and staff will identify areas that require additional focus and adjust programs accordingly.	Stormwater Compliance Officer
			b. All new storm drains will be required to be marked as installed. Such marking will be required in conditions of approval for any development or redevelopment project	2-5		
			c. In order to determine if the general public identifies with the storm drain markers add one question in the online/direct mail survey addressing the purpose of the markers.	2-5		
PE.6	Pathogens, Sediments Nutrients (P, N, NO3, NO2) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Stormwater Hotline	a. The City will promote the use of the hotline through all printed materials and the web site.	1-5	a. Log number of calls received. b. Document number of calls, answers and types of responses c. Answers will be tabulated and staff will identify areas that require additional focus and adjust programs accordingly	Stormwater Compliance Officer
			b. The City will log the number of all calls, and respond to 100% of calls received within 24 hours by sending the necessary personnel to address the problem. The City will document the nature of each call; the date, location, and type of any discharge reported; the City's response, including enforcement and abatement actions, and the results of the City's response.	1-5		
			c. Include a question about the hotline in the online and direct mail surveys	3-5		
PE.7	Pathogens, Sediments Nutrients (P, N, NO3, NO2) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Direct Mail/ Media campaign	a. Staff will place stormwater related articles in three out of four of the annual <u>Banner</u> issues.	1 -5	a. Compile number of residents receiving the Banner and document the issues in which each topic is mentioned. b. Answers will be tabulated and staff will identify areas that require additional focus and adjust programs accordingly.	Stormwater Compliance Officer
			b. Include a question about the <u>Banner</u> articles in the online and direct mail surveys.	3-5		

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PE.8	Pathogens, Sediments Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Business Outreach	a. Distribute informational materials/brochures pertaining to business, already developed by the County at zoning clearance and annually to businesses	1- 5	a. The City will compile number of materials/brochures, zoning clearance information distributed and the names of recipients when available, annually to businesses	Stormwater Compliance Officer/ Planning Department
			b. Staff will ask business owners during any site visit or other interaction: 1) if they are familiar with the stormwater program; 2) if they are aware of the requirements imposed for their type of business; 3) and if they believe their business to be in compliance with those requirements. Staff will visit 75% of all new businesses and 20% of existing businesses annually, with a target of increasing awareness by 10% annually.	2-5	b The number of businesses reached and answers will be tabulated and staff will identify areas that require additional focus and adjust programs accordingly.	
			c. During any site visit Staff will inspect businesses for compliance with stormwater requirements. Staff will visit 75% of all new businesses and 20% of existing businesses annually.	2-5	c. The number of businesses inspected will be tabulated on and staff will identify areas that require additional focus and adjust programs accordingly.	
			d. Staff will achieve compliance with stormwater requirements at all businesses inspected annually through the use of established enforcement procedures.	2-5		
PE.9	Pathogens, Sediments Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Botanical Garden Exhibit	a. The City assists the volunteer group by providing informational brochures and signs in the City's Botanical Garden and inspect the exhibits quarterly to ensure it is inviting to visitors and properly maintained. During events held at or regarding the Botanical Garden, the City will provide brochures and supplies for public education and outreach.	1 -5	a. Log the number of brochures taken and requests for information received.	Stormwater Compliance Officer
			b Include one question about the botanical garden in the annual post educational program quiz in schools (PE.4) and in the online and direct mail survey (PE.10).	3-5	b. Answers will be tabulated and staff will identify areas that require additional emphasis and adjust information provided accordingly.	
PE.10	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	Public Survey	a. The City will develop an assessment strategy such as an online quiz or survey containing at least one question pertaining to each of the City's stormwater related public education and outreach activities.	2		Stormwater Compliance Officer
			b. Administer the survey through the <u>Banner</u> and/or the website achieving a return rate of 15% of the City's population.	2-5	b. Answers will be tabulated and staff will identify areas that require additional focus and adjust programs accordingly.	

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PE.11	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	Ongoing Assessment of Community-Based Social Marketing Strategies	a. Assess community-based marketing strategies, and determine how they might increase the effectiveness of the City’s public education and outreach program. b. Modify the City’s public education and outreach efforts, as necessary, to incorporate community-based social marketing strategies where the City determines they can improve the public education and outreach program.	2-3 3		Stormwater Compliance Officer

2.0 PUBLIC PARTICIPATION AND INVOLVEMENT

This minimum control measure is intended to foster active community support for the SWMP and direction as to its implementation. Participation by the public ensures that the program reflects community values and priorities and thus has the highest potential for success. All public notices related to this minimum control measure will be conducted in compliance with all State and local public notice requirements.

2.1 Minimum Requirements

USEPA guidelines recommend the following “Best Management Practices” for the Public Participation/Involvement minimum control measure (*Fact Sheet 2.4 Public Participation/Involvement Minimum Control Measure, 01/00; and “Measurable Goals Guidance for Phase II Small MSAs”*):

- Establish a steering committee
- Hold regular public meetings
- Establish regular coordination among agencies
- Volunteer water quality sampling
- Community clean-ups

These BMPs assure that the program will be supported by City residents and provide input to guide development of the program in the future.

2.2 Best Management Practices

Since the established North County Stakeholders meetings have proven to garner few if any attendees, the City will not attempt to establish a steering committee but instead focus on regularly attended public forums (see below).

The City will implement the Best Management Practices and Measurable Goals described below. Effectiveness Measures and Measurable Goals are outlined in tables immediately following descriptions.

PI.1 Hold Regular Public Meetings: Due to low attendance, separate stakeholders meetings are not a viable option for our city. Annual NPDES permit reports, and any water board comments pertaining to those reports will be presented in a public forum, such as at a City Council (initial presentation October 9, 2008, 30 members of the public in attendance in addition to staff and Council members, see Appendix C), City Planning Commission and the Parks and Recreation Commission meetings. Information will be made available at these meetings and other events (i.e. annual clean up day and City BBQ) to update the community on the storm water program, address any storm water concerns, City accomplishments, and future goals and to invite interested parties to provide contact information. In addition, City staff will work with other local Phase II permittees and the Regional Water Quality Control Board to explore alternative public forums on water quality.

Measurable Goals:

a. The City will present the NPDES permit report, and any pertinent comments annually at City Planning Commission and /or City Council meetings. Feedback received and the City's response will be documented and tracked. Comments pertaining to new stormwater ordinances will be solicited prior to and during code development. Information will be available at two other city events. Information requested will be sent to any interested party.

Years 1-5.

b. The direct mail /online survey (PE.10) will contain one (1) question pertaining to the annual report.

Years 3-5.

PI.2 - Establish Regular Coordination Amongst Local Agencies/Stakeholders: Since 1998, the County has hosted a quarterly meeting of local, state and federal agencies with interests in local and regional storm-water issues. This meeting of the "intergovernmental committee" includes both regulators (such as RWQCB) and regulated entities such as the City. The City will participate in this Intergovernmental Committee (now recognized as the Santa Barbara County Association of MS4 Managers -SBCAMM). Topics for discussion are suggested by participants and include development and interpretation of non-point source regulations, opportunities for cooperative efforts, emerging technology and sharing of water quality information. The City is a member of the California Storm Water Quality Association (CASQA), which facilitates the exchange of information and joint research and efforts among Phase I and Phase II agencies statewide. CASQA meets on a bimonthly basis.

Measurable Goals:

a. Staff will attend as many applicable meetings as financially possible (i.e., SBCAMM, meetings, and CASQA meetings/workshops), maintaining a 75% attendance rating at SBCAMM meetings annually.

Years 1-5

b. Staff will coordinate with County and other local cities on CASQA information,

Years 1-5

PI.3 - Community Clean-Ups: Each year the City will sponsor at least one clean-up effort within the City limits. The City will solicit community participation through the local school district, local clubs and youth organizations. In 2008 the cleanup was scheduled to coincide with Pollution Prevention Week and took place on Saturday, September 20th, 2008. In 2009 the clean-up took place on Saturday November 7. The clean up will encompass a designated City Park and surrounding surface streets. Generally, it is anticipated that the annual clean-up events will occur the Saturday immediately following October 31st.

Measurable Goals:

a. The City will sponsor one clean up event annually
Years 1-5

b. The City will promote the clean up day by placing advertising posters at other city events and/or meetings and at various city buildings, and by running 1-5 radio spots on local radio stations and 1-3 news articles in local news media.
Years 1-5

c. Increase attendance by 10% annually.
Years 2-5

PI.4 - Water Quality Hotline: See discussion under “Public Education and Outreach” Minimum Control Measure (PE.6). The hotline encourages community members to report water quality problems that they observe. The hotline is promoted on all printed materials and through the City and County web sites. The Stormwater compliance officer is notified of all calls received.

The City will support maintenance of the Water Quality Hotline
Years 1-5

PI.5 – Interested Parties List: The City will develop an interested parties list for people interested in receiving information about the City’s stormwater program. Interested parties will have an opportunity to sign up on the list through the website, at public meetings related to the stormwater program, at public events attended by City staff for the purpose of providing stormwater education, and at the clean up day.

Measurable Goals:

a. Develop an interested parties list by making sign-up opportunities available on the City’s website, at public meetings related to the stormwater program, at public events attended by City staff for the purpose of providing stormwater education, and at the clean up day.
Years 1-5

b. Send information about all developments in the City’s stormwater program (e.g., annual reports, ordinance changes, etc.) and about all upcoming meetings and events to people signed up on the interested parties list.
Years 1-5

2.3 Reporting

The data collected for each measure will be compiled, reviewed and reported in annual reports. Significant variance from targets will be assessed and discussed in annual reports. Measurable goals will be adjusted as appropriate; the basis for any changes will be included in the next annual report. Feedback from the community interest groups and other sources will be used to improve implementation of all six minimum control measures.

**Table 2-1
BMP Implementation: Public Participation and Involvement**

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PI.1	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants Toxics (organics, hazardous waste, etc.)	Hold Regular Public Meetings	a. The City will present the NPDES permit report, and any pertinent comments annually at City Planning Commission and/or City Council meeting and two other events annually. Feedback received and the City's response will be documented and tracked. Comments pertaining to new stormwater ordinances will be solicited prior to and during code development. Information requested will be sent to any interested party.	1 -5	a. Attendance will be documented. Meetings are noticed per the Brown Act.	Stormwater Compliance Officer
			b. Online/ direct mail survey to include a question about the annual report.	3-5	b. Answers will be tabulated and staff will identify areas that require additional focus or trends and adjust programs accordingly	
PI.2	Pathogens, Sediments Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Establish Interagency/ Stakeholder Communication	a. Staff will attend as many applicable meetings as financially possible (i.e. SBCAMM, meetings, and CASQA meetings/workshops), maintaining a 75% attendance rating at SBCAMM meetings annually.	1-5	a. Provide sign in sheets and document any programs/ideas BMPs that have been obtained. Document ideas used.	Stormwater Compliance Officer
			b. Staff will coordinate with County and other local cities on CASQA information	1-5	b. Staff will identify areas that require additional focus adjust programs accordingly.	
PI.3	Pathogens, Sediments Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Community Cleanup	a. City will sponsor one clean up event annually.	1-5	a-c. Document community clean-up locations and attendance ; Measure the amount of waste collected at each event by total weight and number of bags collected;	Stormwater Compliance Officer
			b. The City will promote the clean up day by placing advertising posters at other city events and/or meetings and at various city buildings, and by running 1-5 radio spots on local radio stations and 1-3 news articles in local news media.	1-5		
			c. Increase attendance by 10% annually.	2-5		
PI.4	Pathogens, Sediments Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Water Quality Hotline	Maintain the water quality hotline (PE.6)	1 -5	See PE.6	Stormwater Compliance Officer

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PI.5	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	Interested Parties List	a. Develop an interested parties list by making sign-up opportunities available on the City’s website, at public meetings related to the stormwater program, at public events attended by City staff for the purpose of providing stormwater education, and at the clean up day. b. Staff will send information about all developments in the City’s stormwater program and about all upcoming meetings and events to people signed up on the interested parties list.	1-5 1-5		Stormwater Compliance Officer

3.0 ILLICIT DISCHARGE DETECTION AND ELIMINATION

This minimum control measure of the Storm Water Management Program is designed to reduce pollutants in storm water runoff to receiving waters. It requires the development and implementation of a system to identify and eliminate sources of illicit discharge and illegal dumping. The City will enhance its current system to identify and eliminate illicit discharges throughout the permit area. This system will primarily depend on City employees periodically reviewing and inspecting common problem areas in the City. City staff, which will contain at least one (1) certified Storm Water Inspector, will also work closely with the County, and Cal-Trans officials to provide adequate storm water protection for areas within the City’s jurisdiction.

A map clearly identifying “trouble spots and potential illegal dumping areas” in the City has been developed and will be continually updated as areas are cleared or new areas identified. Both the City Planning Commission and Council have provided input for the current edition of the map. (see Attachment B). Input garnered from City staff and reports from the public relating to illegal dumping received by direct contact with City staff or through the County hotline as previously described in this SWMP will serve as a vital element of this system. The specific requirements for this system are described in detail below, including measurable goals for determining effectiveness.

3.1 Minimum Requirements

USEPA guidelines establish the following “Best Management Practices” for Illicit Discharge Detection and Elimination Minimum Control Measure (*USEPA Fact Sheet 2.6, 01/00*):

- Develop, implement and enforce a program to detect and eliminate illicit discharges
- Develop a storm sewer system map, showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls
- To the extent allowable under State or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into the storm sewer system and implement appropriate enforcement procedures and actions;
- Develop and implement a plan to detect and address non-storm water discharges, including illegal dumping, to the system; and
- Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.

The following discharges may be exempted from being regulated discharges unless they are determined to be a significant source of pollution or a nuisance. Currently the city utilizes existing ordinances to prevent any of these activities from making a significant contribution of pollutants; and addresses the following categories of non-storm water discharges or flows (i.e., authorized non-storm water discharges) only where they are identified as significant contributors of pollutants to the Small MS4:

1. Water line flushing: Although this activity is not identified as a significant source of pollution or nuisance, where possible water is diverted into the closest planters or vegetated areas. Public works crews are instructed to create sandbag barriers so that the water is caught and any additional debris or sediment will be retained in the sandbag. See table 6-2;
2. Landscape irrigation: Although this activity is not identified as a significant source of pollution or nuisance, the City has been adjusting irrigation with weather patterns, using and converting where appropriate to “smart-controllers”. In addition, improvements to irrigated areas in medians or sidewalks with the potential for run-off are being made in phases to eliminate runoff. Irrigation in the City is mentioned in section GH.4 of this SWMP, and its affects are limited by the use of native and drought resistant plants. The general public’s activities are covered under PE.1 with changes to the existing ordinances being addressed under ordinance review.
3. Diverted stream flow: Stream flows are not allowed to be diverted, therefore there is no significant impact. Streams are allowed to flow on their natural path;
4. Rising ground waters: no significant impact (rising groundwater, pumped groundwater, foundation and footing drains, etc. issues are reviewed on a case by case basis and installed with approved BMPs (i.e.: leach lines and gravel and filter fabric wraps where necessary.);
5. Uncontaminated groundwater infiltration (as defined in 40 CFR §35.2005[20]): There has not been any increased flows documented to indicate seepage affecting the City’s systems and is therefore not identified as a significant source of pollution or nuisance. Therefore, the City does not address seepage into underground stormwater pipes through pipe joints, connections, manholes, etc;
6. Uncontaminated pumped groundwater: Although this activity is not identified as a significant source of pollution or nuisance, the City does pump groundwater as part of their potable water system; pumps are located in a containment area;
7. Discharges from potable water sources: This practice is discouraged as part of the City’s conservation efforts. There is no direct prohibition or penalties, however all potable water users have a meter and they are charged for the water usage. The city will further evaluate the activity of using mobile pressure washers for sidewalk and parking lot cleaning;
8. Foundation drains: This activity has not been identified as a significant source of pollution or nuisance, therefore the City does not address;
9. Air conditioning condensation: This activity has not been identified as a significant source of pollution or nuisance, therefore the City does not address;
10. Irrigation water: There are no farmed lands within the City limits, for residential irrigation See 2 and 7;
11. Springs: There are no springs within the City, therefore the City does not address;
12. Water from crawl space pumps: This activity has not been identified as a significant source of pollution or nuisance, therefore the City does not address;

13. Footing drains: This activity has not been identified as a significant source of pollution or nuisance, therefore the City does not address;
14. Lawn watering: See 2 and 7;
15. Individual residential car washing: This activity has not been identified as a significant source of pollution or nuisance, however the City does encourage the use of actual car wash facilities in town, which is constructed to handle and pretreat run-off.;
16. Flows from riparian habitats and wetlands: This activity has not been identified as a significant source of pollution or nuisance, therefore the City does not address; and
17. Dechlorinated swimming pool discharges: The City does not prohibit this activity, however, the discharge must be dechlorinated.

Authorized non-stormwater discharges will require regular review and evaluation by the City and during the implementation period of this SWMP to ensure they do not become a significant contributor of pollutants. As such, the City will examine authorized non-stormwater discharges for potential contribution of pollutants to the MS4. Where an authorized non-stormwater discharge is identified as a significant contributor of pollutants, either by way of visual observation or water quality monitoring, it will be eliminated and violations appropriately enforced using the measures identified in ID.5.

Discharges or flows from firefighting activities are excluded from the effective prohibition against non-storm water, and need only be addressed when they are identified as significant sources of pollutants to waters of the United States. The following BMPs will be implemented by the City within 5 years of SWMP approval to satisfy the MCMs of Illicit Discharge Detection and Elimination.

Items listed above have such a minimal affect on the storm water quality of the area that they can be exempted from the SWMP. City staff will continue to monitor the City's drain system to further evaluate whether or not any of the items listed should they be identified as significant. Though they are not addressed specifically in this SWMP it is still important to educate the public and City employees on the BMPs regarding these items to prevent them from becoming a POC.

3.2 Best Management Practices

The City intends to maintain ongoing efforts to control illicit discharges at current levels and will implement additional suggested BMPs listed in this section to develop, implement, and enforce a program to detect and eliminate illicit discharges. Currently the City's ordinance related to illicit discharges is the same as the County of Santa Barbara, adopted by reference. The City has begun the process of evaluating the need for a storm water ordinance or other regulatory mechanism and recognizes accepted BMPs for use within the City's jurisdiction. The future ordinance must provide "right of entry" to private property for the inspection of individual sources of illicit discharges.

The City will implement the Best Management Practices and Measurable Goals described below. Effectiveness Measures and Measurable Goals are outlined in tables immediately following descriptions.

ID.1 - Storm Drain System Mapping: The City has an atlas of its underground storm drains that shows major pipes and outfall locations of the City's storm drain system. Additional research is necessary to confirm the completeness of the storm drain system map, in particular storm drain inlet locations, particularly in the most recently developed areas. This existing storm drain system map is attached for reference. It is anticipated that the storm drain atlas will be completed by the end of year two (2). The atlas will be continually updated as new development installs drainage structures within the City.

Work to identify the sub-watershed areas within the City has resulted in a drainage flow map. (see Appendix B).

Currently approximately 955.28 acres of the City's total 1,025.6 acres are built out, estimated built outdates fall between 2009 and 2024 for residential land, and between 2020 and 2025 for commercial and industrial lands. See attached table Appendix B.

Measurable Goals:

a. The City will have a 100% complete storm drain map.
Year 2

b. This map will be updated and revised annually to include any changes to existing storm drains or new development. The map will be utilized to track and document illicit discharge sources.
Years 3-5.

ID.2 - Storm Water Ordinance: The City and County share jurisdiction over various facilities and potential dischargers (such as restaurants and schools). The City and County currently have a number of ordinances prohibiting inappropriate waste disposal, including prohibitions against unpermitted discharge of liquid waste, and illegal disposal of solid waste. (applicable city ordinances are listed in Appendix D) These ordinances also apply to and regulate the prevention of storm water impairment through the prohibition, enforcement and abatement remedies that they encompass. Although these ordinances have been sufficient to meet storm water protection objectives to date, a future evaluation of existing City ordinances is part of this SWMP. Existing codes and ordinances will be modified, if necessary, to achieve the following minimum requirements of the General Permit:

- Develop, implement, and enforce a program to detect and eliminate illicit discharges to the City's regulated storm drain system;
- Effectively prohibit, to the extent allowable by law, non-stormwater discharges into the storm drain system, including illegal dumping, and implement appropriate enforcement procedures and actions; and
- Address those non-stormwater discharges listed in GP section D.2.c (6) where they are identified as significant contributors of pollutants to the City's storm drain system.

All appropriate City departments will evaluate existing regulations in the context of a new blanket storm water ordinance to ensure that any new ordinance does not conflict, interfere with, duplicate or negate existing law and enforcement. Due to the extent of build-out already attained in the city (approximately 93% - with 18,563,569 sq. ft. of impervious surface area recorded) logically the primary focus of the City's new ordinances will be to introduce BMPs for existing and remodeled areas with a secondary focus on new building practices.

Authority for detection and elimination of illicit dischargers and illegal connections are referenced or described in:

- Adoption of "conditions of approval" for new development projects. Per AB 3180 (PRC 21081.6). The City has established a program to monitor CEQA mitigation measures adopted as conditions of approval on new development projects
- City Excavation and Grading Code, which includes preparation and implementation of erosion control plans.

The City will evaluate the effectiveness of existing laws to ensure that they are adequate to address pet/animal waste and other sources of potential creek contamination. To the extent that new regulations are necessary to meet the objectives of NPDES Phase II regulations and the State's General Permit, the City will adopt appropriate regulations before the completion of year five (5).

The following evaluations will be part of this assessment to determine the current needs and abilities of the City to regulate and enforce water quality protection measures through a new ordinance:

- Primary enforcement responsibilities may need to be further clarified among the various City Departments and other enforcement entities.
- A determination will be made regarding whether additional staff resources are needed for enforcement. Additional funding sources for enforcement, if necessary, will be provided to the appropriate departments.

Existing ordinances and laws will be reviewed by City staff to determine effectiveness and what will be done for improvement. Enforcement is conducted by City staff and includes items such as stop work notices and fines. These enforcement measures will still be applicable until they are reviewed by the City staff and determined how effective they are. Effectiveness can be measured by number of violations, repeat offenses, and reports of illicit discharge in the City recorded in the Excel spreadsheet maintained by the City Planning Department and updated monthly.

Table 3-1: Legal References

Animal waste	Liquid discharge from commercial vehicles
County Code Chapter 17 Solid Waste	
County Code Chapter 26 Parks & Recreation	Health and Safety Code §§5410 et. seq.
Health and Safety Code §§5410 et.seq.	Water Code §§13000 et. seq.
Water Code §§13000 et.seq.	Fish and Game Code §§5650 et.seq.
Fish and Game Code §§5650 et.seq.	Penal Code §§374.3 et. seq.
Penal Code §§374.3 et.seq.	
General dumping of trash	Discharge of liquid waste from recreational vehicles
County Code Chapter 17, Solid Waste	County Code Chapter 17
County Code Chapter 24 Prohibition of Dumping in Watercourse	Code Chapter 24 County
Health and Safety Code §§5410 et.seq.	County Code Chapter 26 Parks & Recreation
Health and Safety Code §§117550	Health and Safety Code §§117550
Water Code §§13000 et.seq.	Water Code §§13000 et.seq.
Fish and Game Code §§5650 et.seq.	Fish and Game Code §§5650 et.seq.
Penal Code §§374.3 et. seq.	Penal Code §§374.3 et.seq.
	Health and Safety Code §§5410 et.seq.

Measurable Goals:

a. The City will evaluate the scope of existing ordinances and the level of success in addressing illicit discharge under existing regulations. The City will use the minimum requirements of the General Permit as criteria for evaluation of the existing codes and ordinances.

Year 1

b. The City will modify its existing ordinances, or develop new ordinances, where necessary.

Year 2

c. The City will adopt and begin implementing and enforcing its revised and/or new ordinances.

Years 3-5

ID.3 - Education & Outreach: One effective action in the elimination and prevention of illicit discharges is the education and cooperation of a concerned public. Education is a primary tool of enforcement activities.

The efforts for educating the community about eliminating illicit discharges, listed below, are discussed in greater detail in Section 1.0 - Public Education and Outreach:

- City and County web sites
- Regional Water Quality Hotline (1-877-OUR-OCEAN)
- Business outreach
- Sanitary system pre-treatment inspections
- Brochures
- Public events
- Media campaign

Since many illicit discharges can occur due to a lack of awareness on the part of the discharger, education is an important tool of enforcement activities. Often, simply pointing out the error and suggesting best management practices to be used in the future is enough to convince businesses and homeowners to cease discharging, dumping or to eliminate an illegal storm-drain connection. In most cases the individual responsible can be motivated to do the right thing, and will implement appropriate BMPs.

Outreach to the community

Targeted information brochures are currently available from the County addressing homeowners, creek-side residents, owners of domesticated animals, and various businesses to educate them on appropriate BMPs to reduce these types of violations (see PE.1). Informational brochures have been developed for issuance along with each new zoning application (see PE.1). Articles addressing one or more of these groups will appear quarterly in the Buellton Banner (see PE.7). Information pertaining to commercial training events held by the County and other local entities will be distributed (as it is available) to interested parties and during site visits. The City will evaluate the viability of holding its own events years 3-5.

(See Appendix C)

Measurable Goals:

a. Information pertaining to commercial training events held by the County and other local entities will be distributed (as it is available) to interested parties and during site visits.

Years 1-5

b. Illicit discharge will be addressed in 1 of every 3 of the storm water outreach articles that will appear in the Banner.

Years 1-5

c. The City will evaluate the economic viability of holding its own commercial training events. As an alternative, the City may partner with the County and other local entities hosting commercial training events

Year 3

ID.4 - Education/ Training of Municipal Employees: The City has arranged to partner with the City of Santa Maria to use the illicit discharge detection and elimination pocket guide they have developed for Buellton City staff. The purpose of the pocket guide is to provide additional information and guidance for staff to identify and report illicit discharges, connections, or activity encountered during their regular duties. 100% Staff participation in the use of the guide to identify and recognize illicit discharges in the field will greatly reduce the economic, health, and environmental consequences associated with illicit connections and discharges into the MS4. This pocket guide will be distributed to City staff during Storm Water Pollution Prevention Plan (SWPPP) training sessions, beginning in year 1.

Measurable Goals:

a. The City will train all relevant staff annually. All Public Works (PW) staff will be trained in call/complaint receipt procedures; all relevant staff (all PW field and vendor staff) in detecting illicit discharges and connections; all relevant staff (all field and vendor staff) in spill and complaint response procedures; all relevant staff (all PW field and vendor staff) in field investigation and abatement procedures.

Years 1-5

b. 100% City employee participation in annual in-house training for illicit discharge awareness and best management practices at work and home. Staff will identify areas that require additional focus and adjust programs accordingly.

Years 2-5

c. 100% of City municipal staff responsible for illicit detection and elimination will use the pocket guide developed by the City of Santa Maria to identify illicit discharges and connections in the field.

Years 1-5

d. The City will have a Professional Engineer or a Certified Stormwater Inspector on staff.

Year 1-5

ID.5 - Identification and Elimination of Illicit Discharge Sources: In order to maximize the limited resources available, potential sources of illegal dumping and illicit connections are identified and prioritized based in part on public access and contact to the area (or storm drain), and characterization of nearby land uses as industrial, commercial, and older residential areas. The City will continue to evaluate the 17 authorized non-stormwater discharges outlined in Section 3.1 of this SWMP and the sources shown in Table 3-2 will be evaluated on an on-going basis for their potential impacts to the storm water quality within City watersheds.

The City's existing program for identification and elimination of illicit discharge sources comprises two parts:

1. Spill and/or Complaint Response
2. Field Investigation and Abatement

These two program elements are discussed in more detail below. City Public Works, County Environmental Health Services, County Flood Control/Water Resources, the County Fire Department, Cal-Trans and other agencies are all engaged in detection and elimination of illicit discharge activities within the City of Buellton.

Table 3-2: Potential Illicit Discharge Sources

Accidents Spills of Vehicle Fluids (antifreeze, gas, oil, grease, hydraulic fluids, lubricants) Glass Asbestos Brake Fibers	Food Facility Cleaning Facility Cleaning - gray water Cooking Equipment - grease, oil and hazardous cleaning agents Grease Trap Dumpsters Floor Mats	Oil Drips/Fuel Leaks (new/used)
		Commercial Residential / Apartments
		Paint
		Parking Lots
Auto Dealers	Gas Stations/ Service Stations	Pools and Spas
Auto Shops	Car Wash	Residential
Auto - Residential Cleaning	Illicit Connections Residential Commercial Industrial	Grey Water Hazardous Materials Pesticides Fertilizers Sediments
Businesses Wash down		
Commercial Irrigation		
Construction		
Sediment Concrete Cuttings & Wash	Illegal Dumping	RV Waste
	Solids	
Carpet/Residential Cleaning	Liquids	Sewage Spills
Cement Washing	Industrial Cooling Water	Septic Spills
Equipment Cleaning	Mobile Pet Services	Sumps/Dewatering

The following procedures are used to address the ongoing identification and abatement of illicit discharges:

Spill and Complaint Response

- Receive complaint or notice of the spill, discharge or illegal connection. Complaints are often received from other local agency staff or through the Project Clean Water Hotline at 1-877-OUR-OCEAN. They will also be fielded through they City’s direct contact noted on the City webpage and through the email link. These contacts are: (805) 688-5200 and rhess@mnsengineers.com.
- Identify the potential source of the discharge to determine appropriate response agency.
- Document response and track the spill/discharge to source.
- Use education and enforcement to eliminate the discharge to the storm drain/sewer or ground surface.
- Impose BMPs if applicable to assure on-going compliance with City Ordinances.
- Maintain records of response to establish database, and to identify re-occurrence patterns, report on response records during presentation of the annual report, reevaluating procedures as deemed necessary.
- Establish ongoing compliance through subsequent site visits/inspections.

Field Investigation and Abatement

- Identify and prioritize areas of potential illicit discharge and/or illegal connections for residential, commercial and industrial locations based on specified criteria and those areas identified in Table 3-2.
- Conduct annual creek walks to identify potential sources.
- Conduct field/manhole/site inspections.
- Verify illicit discharge/illegal connection and identify the source.
- Use education and/or enforcement to eliminate the discharge to the storm drain/sewer or ground surface.

- BMPs if applicable to assure on-going compliance with City Ordinances.
- Maintain records of response to establish data base and to identify reoccurrence patterns, report on response records during presentation of the annual report, reevaluating procedures as deemed necessary.
- Establish ongoing compliance through subsequent site visits/inspections.

Enforcement of existing policies and ordinances is crucial to the effort of maintaining water quality in the creeks and oceans. The City and County use a “single point” system for reporting water quality problems, tracking follow-up, and insuring enforcement of water quality policies/ordinances. These efforts include a water quality reporting hotline (1-877-OUR-OCEAN for County and general reporting, and (805) 688-5200 for direct reporting for incidents within the City of Buellton), coordination between various enforcement agencies and personnel, and increased report follow-up.

The initial approach to prevention and elimination is education on what the pollution source is, what effects it has on our watershed and how the problem may be eliminated through best management practices. When necessary, education can be used in combination with legal enforcement in order to achieve elimination of the illicit discharge.

In addition to complaints, creek walks conducted in each watershed will identify places where solid waste has been discarded into the creek or along the creek banks on an annual basis. To address these issues, letters and informational brochures are sent to property owners whose parcel is clearly identified as the source of contamination. For example, if a large pile of green waste is seen directly on the creek bank behind a home, a letter would be sent to the owner of that parcel explaining the impacts green waste has on water quality and outlining alternative methods of disposal or composting of green waste. Existing water-quality brochures, such as “Creek side Concerns”, “A Dog-Owner’s Duty”, and are included in the letter as appropriate.

Educating the general public, business owners, industries, school children, teachers, and regulatory personnel on the hazards associated with illegal discharges and improper disposal of waste is being accomplished in a number of ways. A detailed discussion on storm water educational outreach and participation is made in Sections 1.0 and 2.0 of this document. In addition to educating the public, City employees will also participate in in-house training to increase awareness at work and at home of illicit discharges and the hazardous effects they have and the best management practices to implement.

Activities to identify and eliminate illicit discharges are summarized by City and County departments below:

City Public Works: City staff responds to complaints regarding water quality throughout the year. Response occurs within twenty-four hours of notification, resulting in compliance with the performance measures regarding service response. Complaints range from illegal dumping of trash, horse manure and green-waste in the creeks to the illegal disposal of liquid waste. Complaint response may require the cooperation of many agencies. Callers are not always aware of the boundaries between incorporated and unincorporated areas, so a call referral system has been established so that calls can be efficiently redirected to the correct agency.

County Environmental Health Services (EHS): Another program that abates illicit discharge violations is the EHS Community Health Program. District Specialists perform routine annual inspections and complaint investigations at all retail food facilities. EHS has expanded their normal inspection techniques (such as time and temperature controls for perishable foods) to include storm water management activities. Due to increased public awareness, EHS has received a greater number of complaints associated with unlawful discharges from permitted food facilities. Illegal activities include floor mat and floor wash-down discharge to storm drains. EHS responds to each complaint and takes appropriate

enforcement action. The appropriate Health and Safety Code authority is cited for each violation and abatement obtained.

Additionally, EHS also cooperates with the staff of the Cities of Buellton, Lompoc, Solvang, Santa Barbara, Goleta and Carpinteria to create a regional outreach and recognition program for restaurants that have established good operational practices to prevent the discharge of liquid waste off-site and into storm drains. See County of Santa Barbara Storm Water Management Program.

EHS Liquid Waste Program: This program investigates and abates violations of liquid waste discharge. Illegal and/or illicit discharges of liquid waste onto the ground surface and/or into the storm drain collection system may be the result of discharges from faulty sewer laterals, sewer mains or failing septic systems. Correction notices are issued to owners of deficient septic systems, requiring them to make repairs or upgrades as necessary to meet current septic system sanitary standards. Inspections to ensure remediation of the problem may be made by EHS and/or City Planning staff.

In an effort to prevent illicit discharges from faulty septic systems, in April 1999, Environmental Health Services revised Chapter 29 of the County Code to include mandatory reporting of septic system servicing and inspection. This ongoing reporting system of voluntary septic system servicing reveals operational problems in existing septic systems. These systems are required to make repairs or modifications to meet minimum operational sanitary standards.

Concurrent with the efforts described above, EHS is supporting the efforts of several local community groups (e.g. Heal the Ocean, CURE, etc.) to provide incentives to parcel owners using septic systems in problem areas to convert their systems to sanitary sewer.

County Fire Department – Protection Services: Labeling and storage of hazardous material is within the jurisdiction of the County Fire Department. For new businesses that use or store hazardous materials, conditions of approval are included in the standard conditions and mitigation measures enforced by this department. These require that a safe, storage area for pesticides, herbicides, and fertilizers be designed to contain spills. In addition, a Hazardous Materials Business Plan must be submitted to the Fire Department for review and approval for each business in order to detect potential hazards associated with the chemicals.

The Fire Department is responsible for inspecting sites and monitoring their compliance with hazardous materials best management storage practices and spill response. First responders and the hazardous materials response team may conduct a spill response, depending on the hazard level and severity of the spill. Emphasis is made on containment and cleanup with public health and safety as the foremost consideration in an environmentally sensitive manner. The Fire Department facilities and operations are discussed in Section 6.0.

Measurable Goals:

- a. City Staff will respond to complaints within 24 hours of receiving the complaint, referral or notice. Staff will document number/type of complaint responses.
Years 1 -5

- b. Staff will add one question about spill response to the direct mail/online survey.
Years 3-5

- c. City staff will identify and prioritize potential sources and potential source areas of illicit discharges (including the 17 authorized non-stormwater discharges described in General Permit Section D.2.c(6)) on the basis of their potential to contribute pollutants to the City’s MS4. When the potential illicit discharge

source corresponds to a geographical location, City staff will indicate the location on the City problem areas map.

Year 3

d. Staff or designated volunteers will conduct quarterly inspections of priority potential discharge areas and known trouble spots looking for evidence of illegal dumping and illicit discharges. During these inspections staff will evaluate, through visual inspection, whether any of the 17 authorized non-stormwater discharges described in General Permit Section D.2.c(6) have the potential to contribute pollutants to the MS4.

Years 2-5

e. City ordinances will be modified to prohibit any of the allowable non-stormwater discharges that are determined to be a significant source of pollutants.

Year 3-5

f. Staff or designated volunteers will walk the length of all creeks within the City's boundary annually looking for evidence of illegal dumping and illicit discharges.

Years 2-5

g. City staff will inspect 25% of City storm drain catch basins/drainage inlets annually for evidence of illicit discharges.

Years 2-5

h. The City will track discharges, maintain records of responses, and implement all enforcement provisions currently utilized in the City and or impose BMPs if necessary, to assure compliance.

Years 1-5

i. The City will establishing on-going compliance through subsequent inspections.

Years 1-5

j. The City will establish or adopt a numeric criteria threshold for POC classification.

Year 3

k. The City will record on a spreadsheet and evaluate 100 % of EHS inspections and Fire Dept. hazmat inspections/spill responses on the basis of content that pertains to stormwater quality.

Years 1-5

l. The City will compile a comprehensive inventory of all businesses in the City with the potential to discharge pollutants to the MS4, organized by type of business. The City will complete the inventory of existing businesses

Year 2

and will maintain the inventory by keeping it current .

Years 3-5

m. Staff will use the inventory to prioritize businesses for education, site visits, and site inspections.

Years 2-5

ID.6 Drain Filters Required on Commercial Connections

The City currently requires and will continue to require drain filters on all connections from commercial areas to the storm drain system. Filters are required as a condition of approval for commercial use permits, as a condition of approval for construction of commercial facilities, and all existing commercial facilities must retrofit their connections to the storm drain system.

Measurable Goals

- a. 100% of commercial area drain connections will require filters.
Years 1-5
- b. City Staff will inspect all commercial drain connections for serviceable filters annually prior to the first storm event.
Years 1-5

ID.7 - Wastewater Programs:City of Buellton Public Works

The City operates a wastewater treatment plant serving the City. The system serves approximately 1,328 connections and collects, treats and disposes of 450,000 gallons of wastewater per day. Wastewater is generated primarily from approximately 1,300 domestic sources with 28 connections from non-domestic sources but does not include storm water collection. The City maintains one lift station and approximately 20 miles of collection sewers. All of the water is treated and discharged to percolation basins located south of the main developed area of City.

The wastewater treatment plant meets or exceeds all permit requirements. The City's maintenance program includes flushing of the collection system every two years. In addition, preventative maintenance is provided on a regular basis for older portions of the system. Pipeline video inspection is done routinely to further assess the system's condition. Identified trouble spots are then scheduled for repair. At this time, the City has only a few minor industrial discharges and does maintain a set of requirements for pretreatment for these facilities. The State Water Resources Control Board permits the wastewater treatment plant.

Pursuant to their permit, the treatment facility employs procedures designed to discover illicit discharges and illegal connections to the storm sewer system. These include:

- Good housekeeping and preventative maintenance of facility equipment and machinery to capture and prevent spills and discharges.
- Smoke testing of the City sewer system. Smoke testing is used to detect interconnections and leaks (cross connections) between the sewer system and the storm drain system, groundwater, and creeks. The City also performs smoke testing to detect illicit storm drain connections to the sewer, including residential rain gutters and other hard piped connections collecting surface runoff to the sewer. Diverting storm water discharge away from the sewer prevents sewer overflows to storm drains and creeks in wet weather conditions.
- Closed circuit television video of sewer lines is part of their ongoing program to assess the condition of the sewer lines. As part of their maintenance program the City can prioritize problem areas and detect and fix leaks, plugs, root balls, oil and grease buildup, and replace aging sewer lines.
- Development of public education programs. The City's compliance inspector conducts outreach during inspections of facilities of non-domestic sources as part of pre-treatment inspection program to teach them about the hazards of illicit discharges and illegal connections.

Measurable Goals:

a. The City will develop a standard Sanitary Sewer Overflow (SSO) Response Program that will outline and identify the procedures and forms required to respond to a sanitary sewer overflow and prevent contact with surface water as part of the SSMP.

Years 2

b. The City will implement the SSO Response Program.

Years 3-5

c. Staff will respond to septic inspection reports to insure repair or elimination of deficiencies, and develop a report spreadsheet that documents aspects of inspection and reporting, the number of notices to correct, illegal connections and septic to sewer conversions.

Years 2-5

ID.8 - Mutt Mitt Program: The “Mutt Mitt” program consists of providing pet waste disposal bags at City parks and open spaces for use by the public. This program is successful in eliminating pet waste pollution. The City will evaluate new Mutt Mitt stations and more visible signage at various parks and trails as needs are identified. One question on the online/direct mail survey will address the program usage and possible improvement. City Park facilities and operations are discussed in Section 6.0.

Measurable Goals:

a. The City will have at least one Mutt Mitt station in each City Park and will evaluate the need for additional stations.

Years 1-5

b. The City provide the required mitts for all the stations during weekly station capacity evaluation. If a station is completely depleted for more than four inspections in a six week period an additional station will be added to the specific area.

Years 1-5

c. The City will update newly designated Mutt Mitt Station locations on park information by the end of

Years 2-5

d. One question in the online direct mail survey will pertain to Mutt Mitts.

Years 3-5

3.3 Reporting

The data collected for each BMP will be compiled, reviewed and reported in annual reports. Significant variance from targets will be assessed and discussed in annual reports. Measurable goals will be adjusted as appropriate; the basis for any changes will be included in the next annual report. Feedback received from elected officials and the general public through City Council, Planning Commission, and Recreation and Parks Commission meetings will be documented and used to improve implementation of all six minimum control measures.(see PI.1.a)

**Table 3-3
BMP Implementation: Illicit Discharge Detection & Elimination**

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
ID.1	Pathogens, Sediments, Nutrients (P, N, N03, N02), Hydrocarbons (O&G, lubricants), metals, chlorine	Storm drain system mapping	a. The City will have a 100% complete storm drain map.	2	a. Update and revise map.	Engineering / Storm Water Compliance Department
			b. This map will be updated and revised annually to include any changes to existing storm drains or new development.	3-5	b. Utilize maps to track sources of illicit discharges. Staff will identify areas that require additional focus	
ID.2	Pathogens, Sediments, Nutrients (P, N, N03, N02), Metals, Detergents, Hydrocarbons (O&G, lubricants), Pesticides, Gross pollutants (litter, trash, debris), Toxics (organics, hazardous waste, etc.)	Stormwater Ordinance	a. The City will evaluate the scope of existing ordinances and codes including excavation and grading codes, and the level of success in addressing illicit discharge under existing regulations. The City will use the minimum requirements of the General Permit as criteria for evaluation of the existing codes and ordinances.	1	a. 100% of applicable ordinances will be reviewed and evaluated	Engineering / Storm Water Compliance Department
			b. The City will modify its existing ordinances, or develop new ordinances, where necessary.	2		
			c. The City will adopt and begin implementing and enforcing its revised and/or new ordinances.	3-5		
ID.3	Sediment, Nutrients (P, N, N03, N02), Metals, Detergents, Hydrocarbons (O&G, lubricants), Pesticides, Gross pollutants (litter, trash, debris), Toxics (organics, hazardous waste, etc.)	Education and Outreach	a. Information pertaining to commercial training events held by the County and other local entities will be distributed (as it is available) to interested parties and during site visits.	1-5	a. The numbers of these articles and the number of brochures containing ID information that are printed and delivered to target groups (See Section 1.0) will both be documented	All City Department Heads
			b. Illicit discharge will be addressed in 1 of every 3 stormwater outreach articles that appear in the Banner.	1-5	b. The number of commercial training events and the number of attendees that visit each event, and the number of brochures distributed at zoning counter will be documented.	
			c. The City will evaluate the economic viability of holding its own commercial training events. As an alternative, the City may partner with the County and other local entities hosting commercial training events	3		

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
ID.4	Sediment Nutrients (P, N, NO3, NO2) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	Municipal Staff Training	a. The City will train all relevant staff annually. - All Public works staff in call/ complaint receipt procedures; all PW field and vendor staff in detecting illicit discharges and connections; all field and vendor staff in spill and complaint response procedures; all PW field and vendor staff in field investigation and abatement procedures annually.	1-5	a. Staff attendance will be documented and quiz answers evaluated and questions changed to address points requiring more focus.	Public Works Director/ Vendors Management
			b. 100% City employee participation in annual in-house training for illicit discharge awareness and best management practices at work and home.	2-5	b. Employee participation documented. Staff will identify areas that require additional focus and adjust programs accordingly	
			c. 100% of City municipal staff responsible for illicit detection and elimination will use the pocket guide developed by the City of Santa Maria to identify illicit discharges and connections in the field.	1-5		
			d. The City will have a Professional Engineer or a certified Stormwater inspector on staff	1-5		
ID.5	Sediment Nutrients (P, N, NO3, NO2) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	ID/ Elimination of Illicit Discharge Sources	a. City Staff will respond to complaints within 24 hours of receiving the complaint, referral or notice.	1-5	a. Staff will document number/type of complaint responses	Public Works Director/ Vendors Management
			b. Staff will add one question about spill response to the direct mail/online survey.	3-5	b. Identify areas that require additional and adjust programs accordingly.	
			c. City staff will identify and prioritize potential sources and potential source areas of illicit discharges (including the 17 authorized non-stormwater discharges described in General Permit Section D.2.c(6)) on the basis of their potential to contribute pollutants to the City's MS4. When the potential illicit discharge source corresponds to a geographical location, City staff will indicate the location on the City problem areas map.	3	c. document areas and numbers of illicit discharges develop water quality testing procedure if necessary	
			d. Staff or designated volunteers will conduct quarterly inspections of priority potential discharge areas and known trouble spots looking for evidence of illegal dumping and illicit discharges During these inspections staff will evaluate, through visual inspection, whether any of the 17 authorized non-stormwater discharges described in General Permit Section D.2.c(6) have the potential to contribute pollutants to the MS4.	2-5		

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party	
ID.5	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc	ID/ Elimination of Illicit Discharge Sources	e. City ordinances will be modified to prohibit any of the allowable non-stormwater discharges that are determined to be a significant source of pollutants.	3-5	h. A spreadsheet showing the progress of program development will be established	Engineering / Storm Water Compliance Department and Public Works Director, Planning Department (Code Enforcement 2	
			f. Staff or designated volunteers will walk the length of all creeks within the City's boundary annually looking for evidence of illegal dumping and illicit discharges.	2-5			
			g. City staff will inspect 25% of City storm drain catch basins/drainage inlets annually for evidence of illicit discharges	2-5			
			h. The City will track discharges, maintain records of responses, and implement all enforcement provisions currently utilized in the City and or impose BMPs if necessary, to assure compliance.	1-5			
			i. The City will establishing on-going compliance through subsequent inspections.	1-5			
			j. The City will establish or adopt a numeric criteria threshold for POC classification.	3			
			k. The City will record on a spreadsheet evaluate EHS inspections and Fire Dept. hazmat inspections/spill responses on the basis of content that pertains to stormwater quality.	1-5			k. 100 % of EHS inspections and Fire Dept. hazmat inspections /spill responses will be recorded and evaluated
			l. The City will compile a comprehensive inventory of all businesses in the City with the potential to discharge pollutants to the MS4, organized by type of business. The City will complete the inventory of existing businesses;	2			
			and will maintain the inventory by keeping it current	3-5			
			m. Staff will use the inventory to prioritize businesses for education, site visits, and site inspections.	2-5			a-m. Staff will identify areas that require additional focus \adjust programs accordingly.

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
ID.6	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc.)	Commercial Drain Filters	a. 100% of commercial area drain connections will require filters b. City Staff will inspect all commercial drain connections for serviceable filters annually prior to the first storm event.	1-5 1-5	a. Staff will document number/type of drain filters b. Identify areas that require additional and adjust programs accordingly	Engineering / Storm Water Compliance Department and Public Works Director, Planning Department (Code Enforcement)
ID.7	Pathogens, Sediments Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) metals, chlorine	Wastewater Programs	a. The City will develop a standard SSO Response Program which will outline and identify the procedures and forms required to respond to a sanitary sewer overflow and prevent contact with surface water b. The City will implement the SSO Response Program. c. Staff will respond to septic inspection reports to insure repair or elimination of deficiencies and illegal connections	2 3-5 2-5	a-c. Staff will identify areas that require additional focus and adjust programs accordingly b. Develop a report spread- sheet that documents aspects of inspection and reporting, the number of notices to correct, illegal connections and septic to sewer conversions.	Engineering / Storm Water Compliance Officer
ID.8	Pathogens, Pesticides Gross pollutants (litter, trash, debris) Toxics	Mutt Mitt Programs	a. The City will have at least one Mutt Mitt station in each City Park and will evaluate the need for additional stations. b. The City provide the required mitts for all the stations during weekly station capacity evaluation. If a station is completely depleted for more than four inspections in a six week period an additional station will be added to the specific area. c. The City will update newly designated Mutt Mitt Station locations on park information. d.. One question in the online direct mail survey will pertain to Mutt Mitts.	1 -5 1-5 2-5 3-5	a. provide 100% of the required mitts for all the stations and document the quantity of mutt mitts for pet waste disposal that are provided. a-d. Staff will identify areas that require additional focus and adjust accordingly	Parks Director / Storm Water Compliance Officer

4.0 CONSTRUCTION SITE RUNOFF CONTROL

The purpose of construction site runoff controls is to prevent soil and construction waste from entering storm water. Sediment is usually the main pollutant of concern; during a short period of time, construction sites can contribute more sediment to creeks than can be deposited naturally over several decades. The resulting siltation and the contribution of other pollutants from construction sites can cause physical, biological, and chemical harm to local waterways.

4.1 Minimum Requirements

USEPA guidelines establish the following “Best Management Practices” for Construction Site Runoff Control Minimum Control Measure (General Permit Section D.2.d)

- An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions, or other effective mechanisms, to ensure compliance;
- Requirements for construction site operators to implement appropriate erosion and sediment control BMPs;
- Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site;
- Procedures for site plan review which incorporate consideration of potential water quality impacts;
- Procedures for receipt and consideration of information submitted by the public; and
- Procedures for site inspection and enforcement of control measures.

The State General Permit for NPDES Phase II requires local jurisdictions to establish construction site controls for sites of one (1) or more acres and for sites of less than one (1) acre if that construction activity is part of a larger common plan of development or sale that would disturb one (1) acre or more. In addition, the State General Permit for Construction Activities requires filing of an NOI (with the RWQCB) and development of a Storm Water Pollution Protection Plan pursuant to RWQCB regulation.

4.1.1 Program Development

Under state planning law and the California Environmental Quality Act (CEQA), the City is responsible for evaluating new development and redevelopment projects and, therefore, has a key role in implementing the NPDES Phase II construction runoff control measures.

4.2 Best Management Practices

The City’s Excavation and Grading Code (17.01) regulates all new grading, fills, and borrow areas with certain exceptions. Requirements for an erosion and dust control plan are provided in Section 17.01.090.

The City will review its current Excavation and Grading Code and standard practices for compliance with the minimum requirements described above. One element of proposed requirements shall be to require applicants to provide a copy of their SWPPP and NOI for City approval prior to issuance of any grading permit. Any recommended revisions will be considered by the City and reported as part of its implementation of this SWMP. The City will also require all construction projects to collect construction waste and materials on site and dispose of it in a legal and proper manner. Concrete washout stations are also required to prevent contaminants from reaching the soil on any site where concrete shall be poured. All construction sites are also required to provide onsite sanitary facilities to be properly kept in working order and regularly maintained.

The City will implement the Best Management Practices and Measurable Goals described below. Effectiveness Measures and Measurable Goals are outlined in tables immediately following descriptions.

CS.1 - Construction Site Enforcement, Inspections: Section 17.01.210 of the Excavation and Grading Code specifies routine inspections shall occur. Routine inspections and construction oversight shall be conducted so as to conform to the requirements of the General Permit, practices and schedules outlined in the Cal Trans Stormwater Management Protection BMP Field Manual, the City grading ordinance, the site required SWPPP and with accepted stormwater control practices. In addition the City Engineer may

require such other inspections of any work to ascertain compliance with the provisions of this Chapter and other laws and regulations as may be required. Non-compliance is subject to construction site activity suspension (stop work notice) and/or fines. The need for additional inspections will be evaluated as part of review of the Excavation and Grading Code. Site inspectors will enforce clean sites and proper and legal disposal of litter and construction waste materials in accordance with this code. Potentially hazardous chemicals and materials will be required to be stored in a proper manner and used appropriately to prevent any contamination.

Measurable Goals:

a. The City will enforce all General Permit and City grading and municipal code requirements at all construction sites.

Years 1-5

b. The City will implement escalating enforcement to obtain compliance, which may including verbal warnings, letters to correct, stop work orders, construction bonds, etc.

Years 1-5

c. City staff will inspect all construction sites in accordance with timelines outlined in the Cal Trans BMP field manual: prior to the rainy season, prior to any forecast storm, after rain events that cause runoff, at 24-hour intervals during extended rain events, and at least monthly.

Years 1-5

CS.2 - Development of Construction Site Inspection and Enforcement Procedures: The City will develop or adopt existing construction site inspection and enforcement procedures (i.e. those already required in a construction site SWPPP) designed to achieve objectives consistent with General Permit requirements. The City will also implement goals and applicable criteria consistent with General Permit requirements as well as measurable goals and effectiveness measures related to inspection timing and frequency, to ensure that inspection procedures and enforcement achieve desired results. The City will implement the procedures; measurable goals and effectiveness assessment measures related to the implementation of current construction site inspection and enforcement procedures; and will evaluate the effectiveness of all new inspection and enforcement procedures and revise them, if necessary. The City will develop an inspection checklist and tracking system to insure all requirements are being met and evaluate the effectiveness of that checklist and tracking system annually.

Measurable Goals:

a. The City will develop and adopt inspection and enforcement procedures.

Year 1

b. The City will develop an inspection checklist for use by City inspectors to ensure comprehensive inspections.

Year 1

c. The City will develop a tracking system to track site inspections, BMP performance, site compliance with General Permit and City requirements, and enforcement actions.

Year 1

d. The City will implement the inspection and enforcement procedures, inspection checklist, and site tracking system adopted in Year 1 at all construction sites.

Year 2-5

e. The City will implement its current inspection and enforcement procedures, inspection checklist, and site tracking system while they are under review.

Year 1

CS.3 Development of Procedures for Review of grading/ erosion control/ construction site plans: The City will review grading/erosion control plans, construction site plans and site Swaps and will develop authority for plan review that will achieve compliance with the General Permit. The City will review and approve grading/erosion control plans, construction site plans, and prior to approving construction permit applications utilizing criteria that will achieve compliance with the General Permit and are contained in the Caltrans Stormwater Quality Construction Site BMP Manual.

Measurable Goals

a. Review existing construction site plan and grading/erosion control SWPPPs plan procedures for effectiveness in achieving compliance with the General Permit and City requirements for construction sites.

Year 3

b. City Staff will submit the draft procedures to Water Board Staff to review for compliance with the conditions of the General Permit.

Year 3

c. The City will adopt the new criteria for the review of grading/ erosion control SWPPPs construction site plans that will achieve compliance with the General Permit and Water Board expectations.

Year 4

d. The City will implement the new procedures.

Years 4-5

e. The City will implement its current construction site plan and grading/erosion control SWPPPs plan review procedures until new procedures are adopted.

Years 1-4

CS.4 - Discretionary Projects –Conditions of Approval: In addition to the regulations under the Excavation and Grading Code, the City will apply conditions of approval relating to construction site controls to new discretionary projects that will achieve compliance with the General Permit and Water Board expectations on a project by project basis. These BMPs will be constructed and maintained so as to comply with the requirements of the General Permit and City Standards adopted under this SWMP, practices and schedules outlined in the Cal Trans Stormwater Management Protection BMP Field Manual, the City grading ordinance and in accordance with accepted stormwater control practices.

Currently the City conducts plan review in accordance with statewide accepted practices and requirements. The RQWCB has required the City to develop, implement and enforce procedures for construction site plan review which incorporate consideration of potential water quality impacts. The new plan review process (if any) and resulting established authority will achieve consistency with all existing State and General Permit requirements and Water Board Expectations. The City will evaluate the effectiveness of the new plan review process and to revise it, if necessary.

Measurable Goals:

a. The City will modify existing or develop new conditions of approval that will achieve compliance with the General Permit. They will include:

- A requirement that all projects disturbing an acre or more of ground, or which are part of a larger development or sale disturbing an acre or more of ground, implement BMPs to

control erosion and sediment, and pollutants from construction materials and construction-related wastes;

- A requirement that all projects disturbing an acre or more of ground, or which are part of a larger development or sale disturbing an acre or more of ground, have a construction site plan indicating the location of erosion and sediment control BMPs, as well as BMPs to control pollutants from construction materials and construction-related wastes, approved by the City prior to the beginning of grading;
- A requirement that all projects disturbing more than 50 cubic yards of soil will implement BMPs;
- A requirement that all projects disturbing 50 cubic yards of soil or more submit a grading/erosion control plan for approval by the City prior to the beginning of grading;
- A requirement that sites regulated by the State Construction Stormwater General Permit show proof of having submitted a NOI to the State Water Board prior to grading permit approval;
- A requirement that sites regulated by the State Construction Stormwater General Permit submit a SWPPP;

Year 3

b. City Staff will submit the draft conditions of approval to Water Board Staff to review for compliance with the conditions of the General Permit.

Year 3

c. The City will adopt the new conditions of approval.

Year 4

d. The City will implement the new conditions of approval.

Years 4-5

e. The City will implement existing conditions of approval until it adopts new conditions of approval.

Years 1-4

CS.5 - Staff Training: Construction plan checking staff will receive annual training based on current accepted practices and statewide standards (i.e. the Cal Trans SWMPP preparer course). Construction inspection staff will be responsible for understanding and enforcing erosion and sediment control requirement of the Excavation and Grading Code or Storm Water Pollution Prevention Plans, as outlined in the Cal Trans Stormwater Management Protection BMP Field Manual, the City grading ordinance and in accordance with accepted stormwater control practices, as appropriate. These requirements will achieve consistency with all existing State and General Permit requirements and Water Board Expectations. Inspection staff will receive annual training in currently applicable regulations and compliance standards and techniques. One staff member is currently certified by a recognized 24 hour Cal-Trans approved SWPPP preparation and inspector training.

Measurable Goals:

a. The City will provide annual training of 100% of grading, construction site inspectors and planning staff responsible for plan checks.

Year 2-5

b. The City will administer an annual post training quiz.

Years 3-5

c. One staff member will be a Cal Trans certified inspector/ PE.

Years 1-5

CS.6 - Construction Workshops: The construction community will be responsible for developing and implementing erosion and sediment control plans or Storm Water Pollution Prevention Plans, as appropriate. The City will partner with the County and surrounding communities in providing free or low cost workshops to explain regulations and demonstration appropriate BMPs. In addition, annual presentations of the NPDES Permit (see PI.1) will provide a forum for public comment on City construction site BMPs. All comments received by the storm water compliance officer will be documented annually on an Excel spreadsheet and analyzed and procedures adjusted to provide maximum effectiveness. Public information distributed and outlined in sections 1.0 and 2.0 of this document will be used to educate the public on how to recognize and report potential permit violations on construction sites.

Measurable Goals:

a. At least one annual workshop will be held in conjunction with other local agencies. The workshops will be advertised at least one month prior to the date held in the Banner and through interoffice communication.

Years 2-5

b. Public forums will take place at the annual presentations of the NPDES Permit (see PI.1) The Public will be provided with information on how to recognize and report potential permit violations.

Years 2-5

CS.7 – Construction Site Stormwater Control Ordinance: The City will review its current Excavation and Grading Code and other standards regulating construction sites for compliance with the General Permit, and will modify them as necessary. The result of this process will be regulatory measures which incorporate the following elements:

- A requirement that construction site operators control erosion and sediment at all sites disturbing an acre or more, or which are part of a larger plan of development or sale disturbing an acre or more;
- A requirement that construction site operators implement appropriate erosion and sediment control BMPs to reduce erosion and sedimentation to the MEP;
- A requirement that construction site operators control construction materials and waste, such as discarded building materials, concrete truck washout, chemicals, litter, vehicle fluids, and sanitary waste to the MEP;
- A requirement that construction site operators comply with the requirements of the State Construction Stormwater General Permit, including that they must show proof of having submitted a NOI to the State Water Resources Control Board, prior to grading permit approval;
- A requirement that operators of construction sites regulated by the State Construction General Stormwater Permit submit a SWPPP;
- A requirement that all construction site operators submit a construction site plan indicating the location of erosion and sediment control BMPs, as well as BMPs to control pollutants from construction materials and construction-related wastes, for approval by the City prior to the beginning of grading;
- A requirement that operators of construction sites disturbing 50 cubic yards of soil or more submit a grading/erosion control plan for approval by the City prior to the beginning of grading;
- Authority to enter and inspect construction sites for compliance with the General Permit and City requirements, to require BMPs, to require monitoring, to set fines and penalties for non-compliance, to require remediation or restoration, and to enter and abate (if necessary), including the authority to recover costs of abatement;

- A strategy of escalating enforcement, including, but not limited to, verbal warnings, letters of violation, stop-work notices, and fines.

Measurable Goals

a. Review current codes, ordinances, and standards for compliance with the General Permit, and modify them as necessary.

Years 1-2

b. Submit a draft of the modified codes, ordinances, and/or standards for Water Board staff review.

Year 2

c. Adopt modified (or new) codes, ordinances, and/or standards which will achieve compliance with the General Permit.

Year 3

d. Implement and enforce modified and/or new codes, ordinances, and standards.

Years 4-5

e. Implement and enforce current codes, ordinances, and standards while they are being reviewed and modified.

Years 1-4

CS.8 – Procedures for Receipt and Consideration of Information from the Public: The General Permit requires the City to develop and maintain some means by which members of the public can submit information and/or complaints regarding BMP performance at construction sites. The City will make available a public hotline (BMP PI.4) people can use for this purpose. In addition, the City will receive comments at public meetings where the stormwater program is under discussion (BMP PI.1).

Measurable Goals

a. The City will maintain a public hotline (see description and measurable goals for BMPs PE.6 and PI.4).

Years 1-5

b. The City will conduct public forums at the annual presentations of the NPDES Permit (see PI.1). The Public will be provided with information on how to recognize and report potential permit violations. All comments received will be documented annually on an Excel spreadsheet and analyzed and procedures adjusted to provide maximum effectiveness.

Years 1-5

4.3 Reporting

Feedback from City and County inspectors, Cal-Trans and RWQCB staff, construction contractors, project owners and the public will be evaluated and potential changes to the Grading Ordinance, its implementation and tracking will be evaluated. The extent these changes could change the level of protection to storm water quality will be discussed in the annual report.

**Table 4-1
BMP Implementation: Construction Site Runoff Control**

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
CS.1	Sediment Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris)	Construction Site Enforcement and Inspections	<p>a. The City will enforce all General Permit and City grading and municipal code requirements at all construction sites.</p> <p>b. The City will implement escalating enforcement to obtain compliance, which may including verbal warnings, letters to correct, stop work orders, construction bonds, etc.</p> <p>c. City staff will inspect all construction sites in accordance with timelines outlined in the Cal Trans BMP field manual: prior to the rainy season, prior to any forecast storm, after rain events that cause runoff, at 24-hour intervals during extended rain events, and at least monthly</p>	<p>1-5</p> <p>1-5</p> <p>1-5</p>	<p>a. Document and evaluate enforcement actions for 100% of sites where projects BMPs failed and provide in annual report.</p> <p>b. Document and evaluate 100% project site inspections.</p> <p>a-c. Staff will identify areas that require additional focus and adjust programs accordingly.</p>	City Engineer/ Stormwater Officer
CS.2	Sediment Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris)	Development of Construction Site Inspection and Enforcement Procedures	<p>a. The City will develop and adopt inspection and enforcement procedures.</p> <p>b. The City will develop an inspection checklist for use by City inspectors to ensure comprehensive inspections</p> <p>c. The City will develop a tracking system to track site inspections, BMP performance, site compliance with General Permit and City requirements, and enforcement actions.</p> <p>d. The City will implement the inspection and enforcement procedures, inspection checklist, and site tracking system adopted in Year 1 at all construction sites.</p> <p>e. The City will implement its current inspection and enforcement procedures, inspection checklist, and site tracking system while they are under review</p>	<p>1</p> <p>1</p> <p>1</p> <p>2-5</p> <p>1</p>	<p>b. The City will document and evaluate 100% project site inspections and enforcement actions and provide the information in the annual report. Documentation will include but is not limited to an inspection checklist modeled on the existing statewide SWPPP checklist and city-wide project tracking system to be developed in Year 1.</p> <p>a-e. Staff will identify areas that require additional focus and adjust programs accordingly.</p>	
CS.3	Sediment Hydrocarbons (O&G, lubricants) Gross Pollutants (trash, debris)	Development of Procedures for Review of Grading/Erosion Control/Construction Site Plans	<p>a. Review existing construction site plan and grading/erosion control plan procedures for effectiveness in achieving compliance with the General Permit and City requirements for construction sites.</p> <p>b. City Staff will submit the draft procedures to Water Board Staff to review for compliance with the conditions of the General Permit.</p>	<p>3</p> <p>3</p>		City Engineer

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
CS.3	Sediment Hydrocarbons (O&G, lubricants) Gross Pollutants (trash, debris)	Development of Procedures for Review of Grading/Erosion Control/Construction Site Plans	<p>c. The City will adopt the new criteria for the review of grading/erosion control SWPPPs and construction site plans that will achieve compliance with the General Permit and Water Board expectations.</p> <p>d. The City will implement the new procedures.</p> <p>e. The City will implement its current construction site plan and grading/erosion control SWPPPs plan review procedures until new procedures are adopted.</p>	<p>4</p> <p>4-5</p> <p>1-4</p>	<p>c-e. Document that these requirements are enforced on 100% of applicable projects.</p> <p>a-e. Staff will identify areas that require additional focus and adjust programs accordingly</p>	City Engineer
CS.4	Sediment Hydrocarbons (O&G, lubricants) Gross Pollutants (trash, debris)	Discretionary Projects – Conditions of Approval	<p>a. The City will modify existing or develop new conditions of approval that will achieve compliance with the General Permit.</p> <p>They will include:</p> <ul style="list-style-type: none"> • A requirement that all projects disturbing an acre or more of ground, or which are part of a larger development or sale disturbing an acre or more of ground, implement BMPs to control erosion and sediment, as well as pollutants from construction materials and construction-related wastes; • A requirement that all projects disturbing an acre or more of ground, or which are part of a larger development or sale disturbing an acre or more of ground, have a construction site plan indicating the location of erosion and sediment control BMPs, as well as BMPs to control pollutants from construction materials and construction-related wastes, approved by the City prior to the beginning of grading; • A requirement that all projects disturbing more than 50 cubic yards of soil will implement BMPs; • A requirement that all projects disturbing 50 cubic yards of soil or more submit a grading/erosion control plan for approval by the City prior to the beginning of grading; • A requirement that sites regulated by the State Construction Stormwater General Permit show proof of having submitted a NOI to the State Water Board prior to grading permit approval; • A requirement that sites regulated by the State Construction Stormwater General Permit submit a SWPPP. 	3		City Engineer/ Planning Director

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
CS.4	Sediment Hydrocarbons (O&G, lubricants) Gross Pollutants (trash, debris)	Discretionary Projects – Conditions of Approval	b. City Staff will submit the draft conditions of approval to Water Board Staff to review for compliance with the conditions of the General Permit.	3	a-c. Staff will identify areas that require additional focus and adjust programs accordingly	City Engineer/ Planning Director
			c. The City will adopt the new conditions of approval.	4		
			d. The City will implement the new conditions of approval.	4-5		
			e. The City will implement existing conditions of approval until it adopts new conditions of approval.	1-4		
CS.5	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Staff Training	a. The City will provide annual training of 100% of grading, construction site inspectors and planning staff responsible for plan checks.	2-5	a-c Staff will identify areas that require additional focus and adjust programs accordingly.	City Engineer/ Storm Water Compliance Officer
			b. The City will administer an annual post training quiz	3-5		
			c. One staff member will be a Cal Trans certified inspector/ PE.	1-5		
CS.6	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Construction Workshops	a. At least one annual workshop will be held in conjunction with other local agencies. The workshops will be advertised at least one month prior to date in the <u>Banner</u> and through interoffice communication.	2-5	a. Number of attendees and any comments made documented.	City Engineer/ Storm Water Compliance Officer
			b. Public forums will take place at the annual presentations of the NPDES Permit (see PI.1) The Public will be provided with information on how to recognize and report potential permit violations.	2-5	b. Number of attendees and any comments made documented annually on an Excel spreadsheet and analyzed and procedures adjusted to provide maximum effectiveness.. a-b. Staff will identify areas that require additional and adjust programs accordingly	

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
CS.7	Sediment Hydrocarbons (O&G, lubricants) Gross Pollutants (trash, debris)	Construction Site Stormwater Control Ordinance	<p>a. Review current codes, ordinances, and standards for compliance with the General Permit, and modify them as necessary.</p> <p>b. Submit a draft of the modified codes, ordinances, and/or standards for Water Board staff review.</p> <p>c. Adopt modified (or new) codes, ordinances, and/or standards which will achieve compliance with the General Permit.</p> <p>d. Implement and enforce modified and/or new codes, ordinances, and standards.</p> <p>e. Implement and enforce current codes, ordinances, and standards while they are being reviewed and modified.</p>	1-2 2 3 4-5 1-4		City Engineer/ Storm Water Compliance Officer
CS.8	Sediment Hydrocarbons (O&G, lubricants) Gross Pollutants (trash, debris)	Procedures for Receipt and Consideration of Information from the Public	<p>a. The City will maintain a public hotline (see description and measurable goals for BMPs PE.6 and PI.4).</p> <p>b. The City will conduct public forums at the annual presentations of the NPDES Permit (see PI.1). The Public will be provided with information on how to recognize and report potential permit violations. All comments received will be documented annually on an Excel spreadsheet and analyzed and procedures adjusted to provide maximum effectiveness.</p>	1-5 1-5		City Engineer/ Storm Water Compliance Officer

5.0 POST-CONSTRUCTION RUNOFF CONTROL

One opportunity to reduce the generation of non-point source pollution from urban runoff is through planning and design, before developments are built. Once built, it is complex and expensive to correct problems. This minimum control measure focuses on site planning and design considerations, which are most effective when addressed in the early stages of project development. Effective long-term management and maintenance are critical, so the best design opportunities are those with the least maintenance needs. The goal of the program is to integrate basic and practical storm water management techniques into new development to protect water quality.

5.1 Minimum Requirements

USEPA regulations for post-construction runoff control require that the City must, at a minimum (*USEPA Fact Sheet 2.7 – Post-Construction Runoff Control, 01/00*):

- Develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, and projects smaller than one acre that are part of a larger common plan of development or sale.
- Develop and implement strategies that include a combination of structural and/or non-structural best management practices (BMPs)

- Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment to the extent allowable under local law
- Ensure adequate long-term operation and maintenance of BMPs

Furthermore, City must also apply the design standards described in General Section Attachment 4 to all project categories listed in Attachment 4 Section B. When the General Permit was adopted in 2003, these design standards were intended for municipalities with populations exceeding 50,000 or which were subject to rapid growth. Since that time, the MEP standard has advanced to the point that all regulated municipalities in the Central Coast Region must implement the Attachment 4 design standards where these standards do not conflict with Water Board-approved hydromodification control criteria. The City will incorporate the design standards into its General Plan, City Code, and standard conditions of approval and mitigation measures.

5.1.1 Background

Under state planning law and the California Environmental Quality Act (CEQA), the City is responsible for evaluating new development and redevelopment projects; therefore the City has a key role in implementing the NPDES Phase II post-construction runoff control measures. The City's existing land use policies and development review process provide a general framework for water quality protection and compliance. These include:

- County statutes to protect riparian areas that include but are not limited to a required 30' setback from any identified riparian areas.
- City of Buellton General Plan
- CEQA initial study checklist
- Standard conditions of approval and mitigation measures for discretionary projects.
- Engineering Permit Conditions
- Buellton Municipal Code

New projects are also reviewed on behalf of the City by a consultant team of engineers and policy reviewers. The team supports City staff and conducts the bulk of new development review and evaluation. In response to the February 2008 letter from CCRWQCB the City has already begun to establish a baseline for future hydromodification requirements in the form of the City of Buellton drainage flow and impervious surface maps (See Appendix B) From this baseline and by summarizing information gained from relevant technical sources the City intends to characterize the watershed and future development patterns.

The City will adopt, implement and apply revised water quality protection policies related to hydromodification control criteria to new development and redevelopment projects. The City has elected to take part in the Regional Joint Effort outlined by the RWQCB in the letter dated October 20, 2009. Municipality-specific criteria for controlling hydromodification in new and redevelopment projects will be derived using the Water Board-approved methodology developed through the Joint Effort. The City will also select applicability thresholds, consistent with long-term watershed protection, that identify which new and redevelopment projects must apply the hydromodification control criteria.

The City will then Adopt/Develop Guidance for Hydromodification Control Selection, Design, Monitoring, Maintenance, and Inspection requirements and guidance to assist developers in the selection, design, and maintenance of hydromodification control measures.

City staff will develop final report describing the adopted assessment methodology, numeric criteria, and areas of applicability by the end of Q8 (see below).

The City must implement measurable goals related to the Joint Effort according to a schedule based on the RWQCB's implementation schedule for BMPs and measurable goals related to the Joint Effort. This schedule refers to the eight 3-month quarters (e.g., Q2, Q4, etc.) of the two-year Joint Effort, and the first quarter of the following year (Q9). For purposes of implementing and tracking Joint Effort BMPs, Quarter 1 (Q1) will begin upon notification from the Central Coast Water Board. Water Board staff will notify the City of Buellton by electronic mail of the date that will serve as the start date for Quarter 1.

5.2 Best Management Practices

The City is committed to apply and enforce existing policies, codes, plans, and ordinances to manage post-construction stormwater runoff. It will evaluate its existing development policies, codes, plans, and ordinances on the basis of their compliance with General Permit conditions and effectiveness at achieving the desired watershed conditions; and will subsequently adopt, apply, and enforce revised policies, codes, plans, and ordinances to manage post-construction stormwater runoff to the MEP by the end of Q8.

Use of these policies will require structural and non-structural BMPs, consistent with General Permit, Water Board, and City requirements, and use practical structural means of controlling post-construction runoff such as wet ponds and dry basins, grassy swales, bio-swales, and filter strips. Other structural design standards that will be desired are infiltration basins/trenches, dry wells, and porous pavement to percolate runoff through the soil to the groundwater. Non-structural BMPs include general protection of surface water quality which occurs during evaluation of potential impacts in CEQA review and/or in establishing conditions for project approval.

The City will implement the Best Management Practices and Measurable Goals described below. Effectiveness Measures and Measurable Goals are outlined in tables immediately following the descriptions.

PC.1 - Review Regulations

Water Quality Protection Policies:

The City currently reviews all projects to conform to with statewide standards and practices outlined in the required construction site SWPPP. The City will review existing water quality protection policies, such as the General Plan and Municipal Code, and revise them, where necessary, to comply with the General Permit and the City's Water Board-approved hydromodification control criteria. The City will apply these post-construction stormwater controls to all new development and redevelopment projects of one acre or more and projects of less than one area that are part of a larger project in area in the City. These policies will provide City staff and the development community with a framework to identify appropriate water quality protection measures for proposed projects, including the development of reasonable and feasible best management practices. These policies will direct growth away from sensitive areas, encourage environmentally sensitive site design, protect wetland and riparian resources, and minimize degradation of water quality.

CEQA Initial Study Checklist:

The CEQA Initial Study Checklist provides a preliminary analysis of the potentially significant environmental impacts of a proposed project to identify appropriate measures to mitigate the impact, and ultimately, to determine whether a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report is required. The City's initial study checklist is the current recommended checklist contained in the State CEQA Guidelines (see http://ceres.ca.gov/topic/env_law/ceqa/guidelines/Appendix_G.html). Presently, the City checklist includes direct reference to water quality impacts resulting from project-related discharges. The City will

modify the CEQA checklist to incorporate the City's hydromodification control criteria and long-term watershed protection policies and measures as they are adopted.

Development Policies, Codes, Ordinances, Standard Conditions of Approval/Mitigation Measures, and Engineering Permit Conditions:

The City is committed to applying and enforcing current conditions of approval/mitigation measures to projects on a case-by-case basis. The current standards conform to those outlined in the State-required construction site SWPPP. The city will evaluate its existing development policies, codes, plans, ordinances, current conditions of approval/mitigation measures, and engineering permit conditions based on their effectiveness at achieving the desired watershed conditions and their compliance with General Permit conditions and the City's Water Board-approved hydromodification control criteria; and will modify them as necessary.. The Conditions/Measures are developed in conjunction with other City and County departments (e.g., County Fire); therefore these parties would be consulted prior to revising the Standard Conditions of Approval and Mitigation Measures. Modified policies, codes, plans, ordinances, conditions of approval, and engineering permit conditions will address both construction site pollution control and post-construction runoff control for new development and redevelopment.

Conceptual Review:

Conceptual review meetings are used for moderately complex or complex projects where there is the potential for significant environmental or policy concerns. During the meeting staff advises the applicant and can suggest changes in the project to avoid policy or environmental conflicts before the plans are submitted. The City will modify its conceptual review process, as necessary, to incorporate all City development policies, regulations, and standards as they are adopted.

Enforcement Authority

The City is committed to develop, adopt, and implement the necessary authorities to enforce compliance post-construction stormwater control policies and regulations.

Measurable Goals:

a. The City will analyze its conceptual review process and all of its enforceable mechanisms related to new and redevelopment to identify modifications and/or additions necessary to effectively implement the following:

- LID principles and features;
- Water Board-approved hydromodification control criteria and applicability criteria; and
- General Permit Attachment 4 design standards.

Q2

b. The City will adopt modifications to these enforceable mechanisms, or adopt new mechanisms, to i) effectively resolve regulatory conflicts; ii) achieve the desired watershed conditions; and iii) implement hydromodification controls, LID principles and features, and Attachment 4 design standards for all new and redevelopment projects.

Q8

c. The City will apply and enforce new and/or revised enforceable mechanisms to all applicable new and redevelopment projects which disturb 50 cubic yards or more of soil, or an acre or more of ground, or which are part of a larger plan of development or sale disturbing an acre or more of ground.

Q9, and all subsequent years

d. While the City is analyzing and modifying its enforceable mechanisms, the City will enforce and apply all existing development policies and regulations to all projects in the City which disturb 50 cubic yards or more of soil, or an acre or more of ground, or which are part of a larger plan of development or sale disturbing an acre or more of ground.

Years 1-2

PC.2 Staff Training: The City will train all relevant staff and supporting consultants will be trained to effectively implement the City's post-construction stormwater control policies and regulations. Training can be used to initiate new staff, and to provide updates on innovative site design for existing staff.

The city will provide annual training for all staff and consultants who review project plans for new development and redevelopment (currently this is limited to the city engineer, and storm water compliance officer, planning director and assistant planner). The training will cover all topics necessary for the plan review process to achieve compliance with City post-construction stormwater management requirements for all new development and re-development projects. This training will include skills necessary to recognize potential storm water impacts during design review and to condition projects appropriately, evaluate the adequacy of proposed post-construction stormwater measures, and identify structural and non-structural BMPs required to comply with General Permit and City post-construction stormwater management requirements.

The City will provide annual training for all inspectors (currently limited to two project engineers). Training will cover all topics necessary for City inspection of new development and redevelopment projects to achieve compliance with the City's evolving post-construction stormwater management and hydromodification requirements.

Each year, as part of the annual training, City staff will evaluate the effectiveness of the ongoing training by conducting group review of 50% of the projects reviewed and/or inspected during the previous year for compliance with General Permit and City requirements.

Measurable Goals:

a. The City will develop and maintain a fact sheet on all BMPs currently adopted and in use by the City, and distribute the fact sheet to all relevant personnel..

Years 1-5

b. The City will train provide training for plan reviewers and inspectors necessary for implementing interim LID requirements (BMP PC.6).

Q2

c. The City will prepare materials for training inspectors and plan review staff in the proper implementation of General Permit and City requirements for LID, hydromodification control, and General Permit Attachment 4 design standards, and will conduct annual training for all relevant staff based on the training materials, prior to the end of Q8.

Q8, and all subsequent years

d. During annual training, City staff will conduct group review of 50% of the new and redevelopment project plan reviews, inspections, and BMP maintenance report reviews conducted in the previous year to evaluate staff performance and training effectiveness.

Years 2-5

e. Staff will administer an annual post-training quiz, and will review the results to determine the effectiveness of the training and to identify areas for improvement.

Years 3-5

PC.3 Plan Review: The City will review project plans for all new and redevelopment projects for compliance with General Permit and City post-construction stormwater management requirements. The City will also develop procedures for reviewing such plans, including a checklist City plan review staff will use to ensure that project plans receive comprehensive and effective review. Since the City will be developing and adopting its requirements over several years, it will need to modify its plan review procedures and checklist to keep them consistent with the City’s current requirements.

Measurable Goals

a. The City will evaluate its existing plan review procedures for their effectiveness in ensuring compliance with the interim LID requirements the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria (BMP PC.6 and BMP PC.7), and will modify the procedures as necessary.

Q2

b. The City will develop a plan review checklist consistent with the interim LID requirements that the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria.

Q2

c. The City will implement its plan review procedures and checklist to review all new and redevelopment projects for compliance with General Permit and City post-construction stormwater management requirements, particularly the City’s interim LID requirements.

Q2– Q8

d. The City will modify its plan review procedures and checklist to incorporate long-term post-construction stormwater management requirements related to LID, hydromodification control, and the General Permit Attachment 4 design standards.

Q8

e. The City will implement its modified plan review procedures and checklist to review all new and redevelopment projects for compliance with General Permit and City post-construction stormwater management requirements, particularly the City’s long-term requirements related to LID, hydromodification control, and the General Permit Attachment 4 design standards.

Q9 through Year 5

PC.4 Inspection of Post-Construction Stormwater BMPs: The City will inspect all post-construction stormwater management BMPs for proper performance prior to project completion. The City will also develop and use an inspection checklist to ensure that all BMPs receive comprehensive inspection, and a tracking system to monitor post-construction stormwater BMPs from plan review through long-term maintenance.

Measurable Goals

a. The City will evaluate its existing inspection procedures for their effectiveness in ensuring compliance with the City’s post-construction stormwater management requirements, particularly the interim LID requirements the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria (BMP PC.6 and BMP PC.7), and will modify the procedures as necessary.

Q2

b. The City will develop an inspection checklist consistent with the City’s post-construction stormwater management requirements, particularly the interim LID requirements that the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria.

Q2

c. The City will develop a system to track post-construction stormwater management BMPs from plan review through long-term maintenance.

Q2

d. The City will inspect all post-construction stormwater management BMPs for proper performance prior to project completion. Proper performance will be a condition of final project approval.

Q2– Q8

e. The City will modify its inspection procedures, inspection checklist, and tracking system to incorporate long-term post-construction stormwater management requirements related to LID, hydromodification control, and the General Permit Attachment 4 design standards.

Q8

f. The City will implement its modified inspection procedures, inspection checklist, and tracking system for all new and redevelopment projects.

Q9 through Year 5)

PC.5 Long-Term Maintenance of Post-Construction Stormwater BMPs: The City will develop and enforce a maintenance agreement to ensure proper maintenance and performance of all post-construction stormwater management BMPs operating in the City (see BMP PC.1). The agreement will include authority to take over maintenance of BMPs, if necessary, to ensure their proper performance, and to collect compensation for that maintenance.

Measurable Goals

a. The City will develop and adopt a long-term maintenance agreement for post-construction stormwater BMPs. The agreement will clarify the responsibility for long-term BMP maintenance, establish BMP maintenance and performance standards, establish inspection expectations, identify reporting requirements, and establish necessary authority to enforce the agreement, including the authority for the City to take over maintenance of BMPs and to collect compensation for that maintenance.

Q2

b. The City will implement and enforce the long-term maintenance agreement.

Q3 through Year 5

c. The City will track performance and inspection information for all post-construction stormwater management BMPs in operation in the City.

Q3 through Year 5

PC.6 Master Drainage Plan: The City is in the process of developing a Master Drainage Plan. The first step in this process has been the development of the City of Buellton Watershed Area Map (see Appendix B). The plan will identify flow directions and quantity of flow for specific areas in the City and as such will provide an additional tool for evaluating appropriate requirements and/or incorporating new development strategies to protect water quality and will be evaluated as such. The City will complete the Plan by the end of the seventh permit year.

Measurable Goals:

a. The Master Drainage Plan will be 80% complete by the end of year 5.

Year 5

PC.7 Long Term Watershed Protection and Plan: The City commits to integrating and incorporating stormwater management control measures that support healthy watersheds into all aspects of land use planning and development.

The City's development of long-term watershed protection measures will address protection for riparian and wetland areas and aquatic habitats, stream setback criteria, effective impervious area thresholds, and

Basin Plan Water Quality Objectives. The City will adopt a minimum setback of 30 feet from the top-of-bank of any indentified riparian area (includes, at a minimum, all rivers, creeks, intermittent creeks, lakes, and wetlands.).

The City is committed to achieving through its long-term watershed protection measures, the desired watershed conditions as specified by the Regional Water Board and listed below:

- Rainfall surface runoff at pre-development levels
- Watershed storage of runoff at pre-development levels;
- Watercourse geomorphic regimes within natural ranges;
- Optimal riparian and aquatic habitats; and Pollutant reduction to the MEP.

The City will use the above conditions to evaluate its water quality protection policies, the CEQA checklist, and standard conditions of approval/mitigation measures and engineering permit conditions throughout the life of the permit.

Measurable Goals:

a. The City will establish long-term watershed protection as a City objective.
Year 1.

b. The city will develop and adopt a plan for long-term watershed protection. The plan will include specific numeric measurable goals, effectiveness measures, and an implementation schedule to accomplish the following tasks:

- Characterize the City's watersheds and sub-watersheds, including an analysis of current water quality conditions, stream health, land use and development patterns, and pollution/degradation trends;
- Evaluate existing watershed protection efforts, including land use policies, plans, ordinances, guidance manuals, development project review procedures, and BMPs;
- Establish a minimum setback of 30 feet from the top-of-bank of any indentified riparian area for any development, construction, or grading;
- Integrate stormwater management measures and water quality objectives into all aspects of land use planning and development;
- Develop a strategy to achieve desired watershed conditions making use of land use policies, plans, ordinances, guidance manuals, development project review procedures, and BMPs;
- Develop quantifiable measures that indicate how the City's watershed protection efforts achieve desired watershed conditions; and
- Adopt and apply long range hydromodification criteria
- Adapt or change the efforts, if warranted.

Year 5

PC.8 Use of Low Impact Development in Project Design: The Water Board has determined that municipalities must optimize the use of (Low Impact Development) LID in new development and redevelopment projects. To this end the City will develop and adopt a strategy for implementing LID that will optimize the application of LID principles and features for new and redevelopment projects. The

strategy will include application of LID principles and features to new and redevelopment projects during the two-year period preceding adoption of hydromodification control criteria (BMP PC.7).

To ensure optimization of LID during this transitional period when the City will not yet have fully-developed LID criteria, the City will evaluate available LID manuals, including guidance materials recommended by the Central Coast LID Center, for use in the City in the short term. The City will also develop and use a tracking system to record education and outreach efforts, and the LID principles and features incorporated into each new and development project.

Measurable Goals:

- a. The City will apply LID principles and features to all applicable new and redevelopment projects.
Q2– Q8
- b. The City will track its accomplishments implementing LID during the transitional period, and will develop a tracking report indicating LID design principles and features incorporated into each applicable new and redevelopment project. The City will submit the tracking report in its annual reports.
Q2-Q8
- c. The City will develop and adopt LID criteria for all new and redevelopment projects that optimize the application of LID principles and features, including specific criteria for the selection and performance of LID BMPs.
Q8
- d. The City will apply and enforce its long-term LID criteria for all new and redevelopment projects.
Q9 through year 5
- e. The City will develop specific guidance on how to achieve and demonstrate compliance with the long-term LID requirements.
Q8
- f. The City will advertise the guidance on how to achieve and demonstrate compliance with the long-term LID requirements, and will make it available to new and redevelopment project applicants. The City will also distribute the guidance to all zoning applicants
Q9-Yr5

PC.9 Adoption of Hydromodification Control Criteria: The City will develop and enact a strategy for implementing hydromodification control for new and redevelopment projects as outlined in Section 5.1.1. The City has elected to take part in the Regional Joint Effort outlined by the RWQCB in the letter dated October 20, 2009. The City will derive locally-relevant criteria for controlling hydromodification in new and redevelopment projects using the Water Board-approved methodology developed through the Joint Effort.

Measurable Goals:

- a. The City will derive and adopt City-specific criteria for controlling hydromodification in new and redevelopment projects, using Water Board-approved methodology developed through the Joint Effort.
Q8
- b. The City will identify and adopt applicability thresholds for applying hydromodification control criteria for new and redevelopment projects. The applicability thresholds will be consistent with long-term watershed protection.
Q8
- c. The City will apply and enforce its hydromodification control criteria and applicability criteria for all new development and redevelopment projects.

Q9 through Year 5

PC.10 Education and Outreach: The City will develop and enact a strategy to provide appropriate education and outreach to all applicable target audiences regarding the City's post-construction stormwater management requirements.

a. The City will develop a plan for education and outreach, including measurable goals, schedules, and target audiences, the City will conduct in support of the following strategic objectives: enforceable mechanisms, hydromodification control criteria, applicability thresholds, LID BMP design, and compliance with LID and hydromodification control criteria. The plan will include distributing guidance materials to all zoning applicants.

Q2

b. The City will implement the education and outreach plan.

Q3 through Year 5

c. The City will track its accomplishments implementing the education and outreach plan supporting the implementation of hydromodification controls and LID, and will submit the tracking report in its first annual report and by October 30, 2011.

Q3-Q8

d. The City will develop (or modify), advertise, and make available LID BMP design guidance materials that optimize the application of LID principles and features, suitable to all stakeholders (including City planning and plan review staff and the development community) for use in the City while the City is developing LID and hydromodification control criteria.

Q4

e. The City will develop specific guidance on how to achieve and demonstrate compliance with the long-term hydromodification control and LID requirements.

Q8

f. The City will advertise the guidance on how to achieve and demonstrate compliance with the long-term hydromodification control and LID requirements, and will make it available to new and redevelopment project applicants. The City will also distribute the guidance to all zoning applicants.

Q9 through year 5

5.3 Reporting

The City of Buellton will achieve Joint Effort measurable goals by the end of Q2, Q4, Q8, and Q9. The City of Buellton will report to the Water Board on completion of measurable goals within 30 days of the end of the quarter in which the measurable goal is scheduled for completion. Reporting will include evidence of adequate detail and substance for the Water Board to determine whether the measurable goals are complete. Data collected for each measurable goal will be compiled, reviewed, and summarized in annual reports. Significant variance from targets will be assessed and discussed in annual reports to RWQCB. Feedback from City staff, permittees, developers, elected officials and the general public through City Council, Planning Commission, and Recreation and Parks Commission meetings will be documented and used to modify BMPs or the measurable goals, as appropriate & to improve implementation of all six minimum control measures; the basis for any changes will be included in the following annual report. (see PI.1.a)

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PC.2	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Staff Training	a. The City will develop and maintain a fact sheet on all BMPs currently adopted and in use by the City, and distribute the fact sheet to all relevant personnel..	1-5	b. Document attendance at annual training and certify that all relevant personnel received training. c. Document all BMPs incorporated and whether the desired level of watershed protection was achieved in annual report.	City Engineer/ Stormwater Compliance Officer
			b. The City will train provide training for plan reviewers and inspectors necessary for implementing interim LID requirements (BMP PC.6).	Q2		
			c. The City will prepare materials for training inspectors and plan review staff in the proper implementation of General Permit and City requirements for LID, hydromodification control, and General Permit Attachment 4 design standards, and will conduct annual training for all relevant staff based on the training materials, prior to the end of Q8.	Q8-all		
			d. During annual training, City staff will conduct group review of 50% of the new and redevelopment project plan reviews, inspections, and BMP maintenance report reviews conducted in the previous year to evaluate staff performance and training effectiveness.	2-5		
			e. Staff will administer an annual post-training quiz, and will review the results to determine the effectiveness of the training and to identify areas for improvement.	3-5		
PC.3	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) pesticides	Plan Review	a. The City will evaluate its existing plan review procedures for their effectiveness in ensuring compliance with the interim LID requirements the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria (BMP PC.6 and BMP PC.7), and will modify the procedures as necessary.	Q2		Storm Water Compliance Department and Planning Department

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PC.3	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) pesticides	Plan Review	<p>b. The City will develop a plan review checklist consistent with the interim LID requirements that the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria.</p> <p>c. The City will implement its plan review procedures and checklist to review all new and redevelopment projects for compliance with General Permit and City post-construction stormwater management requirements, particularly the City's interim LID requirements.</p> <p>d. The City will modify its plan review procedures and checklist to incorporate long-term post-construction stormwater management requirements related to LID, hydromodification control, and the General Permit Attachment 4 design standards.</p> <p>e. The City will implement its modified plan review procedures and checklist to review all new and redevelopment projects for compliance with General Permit and City post-construction stormwater management requirements, particularly the City's long-term requirements related to LID, hydromodification control, and the General Permit Attachment 4 design standards.</p>	<p>Q2</p> <p>Q2-Q8</p> <p>Q8</p> <p>Q9-all</p>		Engineering / Storm Water Compliance Department and Planning Department
PC.4	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) pesticides	Inspection of Post-Construction Stormwater BMPs	<p>a. The City will evaluate its existing inspection procedures for their effectiveness in ensuring compliance with the City's post-construction stormwater management requirements, particularly the interim LID requirements the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria (BMP PC.6 and BMP PC.7), and will modify the procedures as necessary.</p>	Q2		Engineering / Storm Water Compliance

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PC.4	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) pesticides	Inspection of Post-Construction Stormwater BMPs	<p>b. The City will develop an inspection checklist consistent with the City's post-construction stormwater management requirements, particularly the interim LID requirements that the City will apply to projects reviewed prior to adoption of long-term LID and hydromodification control criteria.</p> <p>c. The City will develop a system to track post-construction stormwater management BMPs from plan review through long-term maintenance.</p> <p>d. The City will inspect all post-construction stormwater management BMPs for proper performance prior to project completion. Proper performance will be a condition of final project approval.</p> <p>e. The City will modify its inspection procedures, inspection checklist, and tracking system to incorporate long-term post-construction stormwater management requirements related to LID, hydromodification control, and the General Permit Attachment 4 design standards.</p> <p>f. The City will implement its modified inspection procedures, inspection checklist, and tracking system for all new and redevelopment projects.</p>	<p>Q2</p> <p>Q2</p> <p>Q2-Q8</p> <p>Q8</p> <p>Q9-all</p>		Engineering / Storm Water Compliance
PC.5	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Pesticides, gross pollutants (trash, debris)	Long-Term Maintenance of Post-Construction Stormwater BMPs	<p>a. The City will develop and adopt a long-term maintenance agreement for post-construction stormwater BMPs. The agreement will clarify the responsibility for long-term BMP maintenance, establish BMP maintenance and performance standards, establish inspection expectations, identify reporting requirements, and establish necessary authority to enforce the agreement, including the authority for the City to take over maintenance of BMPs and to collect compensation for that maintenance.</p>	Q2		Engineering / Storm Water Compliance

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PC.5	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Pesticides, gross pollutants (trash, debris)	Long-Term Maintenance of Post-Construction Stormwater BMPs	b. The City will implement and enforce the long-term maintenance agreement. c. The City will track performance and inspection information for all post-construction stormwater management BMPs in operation in the City.	Q3-Yr5 Q3-Yr5		Engineering / Storm Water Compliance
PC.6	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Master Drainage Plan	a. The Master Drainage Plan will be 80% complete by the end of year 5.	5 3-5	Staff will identify areas that require additional focus and adjust programs accordingly.	Engineering / Storm Water Compliance Department
PC.7	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Long-Term Watershed protection and Plan	a. The City will establish long-term watershed protection as a City objective. b. The city will develop and adopt a plan for long-term watershed protection. The plan will include specific numeric measurable goals, effectiveness measures, and an implementation schedule to accomplish the following tasks: • Characterize the City's watersheds and sub-watersheds, including an analysis of current water quality conditions, stream health, land use and development patterns, and pollution/degradation trends; • Evaluate existing watershed protection efforts, including land use policies, plans, ordinances, guidance manuals, development project review procedures, and BMPs; • Establish a minimum setback of 30 feet from the top-of-bank of any Identified riparian area for any development, construction, or grading; • Integrate stormwater management measures and water quality objectives into all aspects of land use planning and development;	1 5		

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PC.7	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Long-Term Watershed Protection and Plan	<ul style="list-style-type: none"> · Develop a strategy to achieve desired watershed conditions making use of land use policies, plans, ordinances, guidance manuals, development project review procedures, and BMPs; · Develop quantifiable measures that indicate how the City's watershed protection efforts achieve desired watershed conditions; and · Adopt and apply long range hydromodification criteria · Adapt or change the efforts, if warranted. 	5		Engineering / Storm Water Compliance Department
PC.8	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) pesticides	Use of LID	<p>a. The City will apply LID principles and features to all applicable new and redevelopment projects.</p> <p>b. The City will track its accomplishments implementing LID during the transitional period, and will develop a tracking report indicating LID design principles and features incorporated into each applicable new and redevelopment project. The City will submit the tracking report in its annual reports.</p> <p>c. The City will develop and adopt LID criteria for all new and redevelopment projects that optimize the application of LID principles and features, including specific criteria for the selection and performance of LID BMPs.</p> <p>d. The City will apply and enforce its long-term LID criteria for all new and redevelopment projects.</p> <p>e. The City will develop specific guidance on how to achieve and demonstrate compliance with the long-term LID requirements.</p> <p>f. The City will advertise the guidance on how to achieve and demonstrate compliance with the long-term LID requirements, and will make it available to new and redevelopment project applicants. The City will also distribute the guidance to all zoning applicants.</p>	<p>Q2-Q8</p> <p>Q2-Q8</p> <p>Q8</p> <p>Q9-Yr5</p> <p>Q8</p> <p>Q9-Yr5</p>	a-c. Staff will identify areas that require additional focus and adjust programs accordingly.	City Engineer/ Storm Water Compliance Officer

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PC.9	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) pesticides	Adoption of Hydromodification Criteria	a. The City will derive and adopt City-specific criteria for controlling hydromodification in new and redevelopment projects, using Water Board-approved methodology developed through the Joint Effort.	Q8		City Engineer/ Storm Water Compliance Officer
			b. The City will identify and adopt applicability thresholds for applying hydromodification control criteria for new and redevelopment projects. The applicability thresholds will be consistent with long-term watershed protection.	Q8		
			c. The City will apply and enforce its hydromodification control criteria and applicability criteria for all new development and redevelopment projects	Q9-Yr5 1-5		
					a-c. Staff will identify areas that require additional focus and adjust programs accordingly	
PC.10	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Education and Outreach	a. The City will develop a plan for education and outreach, including measurable goals, schedules, and target audiences, the City will conduct in support of the following strategic objectives: enforceable mechanisms, hydromodification control criteria, applicability thresholds, LID BMP design, and compliance with LID and hydromodification control criteria. The plan will include distributing guidance materials to all zoning applicants.	Q2		Storm Water Compliance Officer
			b. The City will implement the education and outreach plan	Q3-Yr5		
			c. The City will track its accomplishments implementing the education and outreach plan supporting the implementation of hydromodification controls and LID, and will submit the tracking report in its first annual report and by October 30, 2011.	Q3-Q8		
			d. The City will develop (or modify), advertise, and make available LID BMP design guidance materials that optimize the application of LID principles and features, suitable to all stakeholders (including City planning and plan review staff	Q4		

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PC.10	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) Metals Gross Pollutants (trash, debris) Detergents Toxics (organics, hazardous waste, etc.)	Education and Outreach	and the development community) for use in the City while the City is developing LID and hydromodification control criteria. e. The City will develop specific guidance on how to achieve and demonstrate compliance with the long-term hydromodification control and LID requirements. f. The City will advertise the guidance on how to achieve and demonstrate compliance with the long-term hydromodification control and LID requirements, and will make it available to new and redevelopment project applicants. The City will also distribute the guidance to all zoning applicants.	Q4 Q8 Q9- Yr5		Storm Water Compliance Officer

6.0 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

The purpose of this minimum control measure for Municipal Operations/Good Housekeeping Practices is to assure that the City’s delivery of public services occurs in a manner protective of storm water quality to the Maximum Extent Practicable and protect overall water quality. In this way the City may serve as a model to the community.

6.1 Minimum Requirements

The State’s General Permit states that the City must develop and implement an operations and maintenance plan that will prevent or reduce pollutants in runoff from municipal operations (*USEPA Fact Sheet 2.8 – Pollution Prevention/Good Housekeeping, 01/00*).

The minimum requirements are:

- To consider municipal activities and identify those that may contribute pollutants to storm water;
- To select and implement Best Management Practices (BMPs) that will reduce or eliminate pollutants in storm water runoff from these activities to the Maximum Extent Practicable; and
- To train new and existing employees on the potential impacts to storm water from municipal activities and the implementation of BMPs to prevent and reduce these impacts.

6.2 Best Management Practices

Tables 6-1 and 6-2 summarize the City facilities and services and identify those that may contribute pollutants to storm water.

Table 6-1: City Facilities

<u>Facility</u>	<u>Potential Pollutant Sources</u>	<u>Responsible Department</u>	<u>BMP</u>
City-wide	Hazardous Waste/ Hazardous Waste Spills	County Fire Department	PE.1, PE.6, PE.8, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
City Hall	Trash bin, parking lot, janitorial wastes, landscaping, litter	Public Works (Maintenance), all City staff , Parks and Recreation	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
City Office/Library Annex	Public recycling bins, staff picnic area, parking lot, landscaping, litter	Public Works, Parks and Recreation, all City Staff	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
Water & Maintenance Shop, including storage areas	Equipment storage, parking, trash bins, public recycling bins, litter. (all shop maintenance conducted indoors)	Public Works	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
Wastewater Treatment Plant	Two-vehicle parking lot, small shop, equipment storage, trash bins, litter.	Public Works, Wastewater	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
Riverview Park/ Oak Valley Park	Trash bins, parking, equipment storage, two rest rooms, litter	Maintenance, Parks and Recreation	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
Parking lots (4)*	Vehicle wastes, litter	Maintenance (Public Works)	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
Police Department	Trash bins, parking, equipment storage, litter	Maintenance (Public Works)	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
Streets and storm drains	Vehicle wastes, litter, unknown material including illegal dumping	Maintenance (Public Works)	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7
Water Supply Reservoirs (3)* and groundwater wells (4)*	Belowground tanks, no potential pollutants	Water (Public Works)	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4, ID.5, ID.6, ID.7

* Numeric references in Tables 6-1 and 6-2, shown in parentheses, refer to the number of each type of facility in existence in the City

Table 6-2: City Activities

<u>Activity</u>	<u>Potential Pollutant Sources</u>	<u>Responsible Department</u>	<u>BMP</u>
City -wide	Hazardous materials/ Hazardous materials spills	County Fire Department	PI.4,PE.1,PE.6,PE.8,G H.1,GH.2, GH.3,ID.4,ID.5,ID.6,I D.7
Park maintenance (mowing,trimming, watering, and weed management.)	Over application of pesticides, herbicides, spills during mobilization and storage, improper green waste disposal	Public Works	PE.1, PE.6,GH.1,GH.2, GH.3, ID.4,ID.5,ID.6, ID.7
Trash removal and temporary storage	Trash that misses the bins, trash bin liquid discharges	Maintenance (contractor)	GH.1, GH.2, GH.3, ID.4,ID.5,ID.6,ID.7
Vehicle maintenance, Washing, Minor repairs (i.e., oil changes)	Improperly managed wastes, including solids, liquids, and hazardous materials, contaminated wash water	All (about 15 vehicles distributed in each department, including tractors, and other equipment)	PE.1, PE.6, GH.1, GH.2, GH.3, ID.4,ID.5,ID.6,ID.7
Janitorial service (in- house and contractor)	Improper disposal of wash water and other waste products into storm drain system	Contractor	PE.1,PE.5, PE.6, GH.1, GH.2, PP.2, PP.3, ID.4,ID.5,ID.6,ID.7
Construction (contractors)	Improperly managed construction wastes, sediment runoff, staging area runoff (equipment leaks or spills)	Public Works/Contract Engineers	PE.1, PE.5 PE.6, GH.1, GH.2, PP.2, PP.3, CS.3, CS.4, CS.5, CS.6 PC.2, PC.3, PC.4, PC.5,ID.4, ID.5, ID.6, ID.7
Water pressure testing – discharged into storm drain	Pollutants which may be present in gutters, & storm drains, i.e., trash, organics, etc.	Water (Public Works)	GH.2, GH.1, PP.3, ID.4, ID.5, ID.6,
Water Line Flushing	debris	Water (Public Works)	GH.2, GH.1, PP.3, ID.4, ID.5, ID.6,
Water supply reservoir maintenance	Every two years cleaned with rinse waters disposed to storm drain (no cleansers)	Water (Public Works)	GH.2, GH.1, PP.3, ID.4, ID.5, ID.6,
Fire hose testing –discharged into storm drain	Any pollutants present in street, gutters, & storm drains	County Fire (See County of Santa Barbara SWMP)	GH.2, GH.1, PP.3, ID.4, ID.5, ID.6,

The City will implement the Best Management Practices and Measurable Goals described below. Effectiveness Measures and Measurable Goals are outlined in tables immediately following descriptions.

PP.1 - Development of Citywide Best Management Practices (BMPs): The city currently utilized BMPs specified in the CASQA Municipal Handbook on a case by case basis. The City will review existing guidance materials on the basis of their adequacy to achieve the MEP standard for our city. If deemed necessary, additional BMP guidance material will be developed (and/or adopted from existing sources) for all City facilities and activities with identified pollutant sources, shown above in Tables 6-1 and 6-2.

The guidance material will be used by City staff to:

1. Assure that water quality is being protected at municipal operations through the use of BMPs;
2. Track implementation of BMPs;
3. Develop a plan for future implementation of BMPs; and
4. Prepare annual reports for internal purposes and for the annual monitoring report required under the NPDES permit.

BMPs will be selected from applicable practices listed in the CASQA Municipal Handbook. This volume contains a menu of suggested BMPs that either are or will be implemented by the City. Those BMPs that are appropriate to the City's municipal operations will be identified on a case-by-case basis. The menu approach for listing BMPs provides flexibility for similar activities at different locations and allows the city to track implementation for reporting. The menu approach also allows flexibility when operations change. For example, a landscaped area of lawn could be replanted using a xeriscape design, and little or no application of pesticides would be necessary afterward. In this case, the activity remains the same (Landscaping) but the BMPs employed would have changed.

Measurable Goals:

a. The City will identify BMPs the City will implement for all municipal operations, including specific numeric performance expectations and effectiveness measures. BMPs will be chosen from the CASQA handbook on a case-by-case basis.

Year 1

b. The City will implement all existing BMPs in the first year, and in all subsequent years unless they are replaced with more effective BMPs.

Years 1-5

c. City staff will develop and implement a tracking system to document implementation, effectiveness, inspection, inspection results, and maintenance/replacement of all municipal BMPs.

Year 2

City staff will perform annual evaluation of the appropriateness and effectiveness of BMPs, reviewing 50% of the BMPs for municipal operations each year, and will revise or replace BMPs as necessary.

Years 3-5

PP.2 Purchasing and Contracts: The City will revise contractual language, as necessary, to require vendors and contractors to implement BMPs that are City-approved and in compliance with General Permit conditions, including a plan for inspecting work done by contractors and vendors for compliance with City and General Permit requirements by the end of Year 3. Such services and contracts may include, landscaping, roadwork, vehicle maintenance housekeeping, painting, and construction.

After the initial review in the first year of the permit the City Engineer will determine areas and associated contracts that may need to be revised. If it is determined that appropriate BMPs have not been used as recommended or required, contracts will be reworded. This will include specific language requiring contractors to obtain approval from the City of project-oriented BMPs or activity-related Water Quality Plan (similar to a Storm Water Pollution Prevention Plan as required for construction activities under the Federal NPDES program). The contractor's approved BMPs or Water Quality Plan would describe how storm water conveyances would be protected from potential pollutants specific to the project undertaken. If the contractor violates the plan, it would be sufficient reason for termination of the contract without harm to the City. The City will ensure correction of inadequate implementation of BMPs and mitigate for water quality impacts resulting from water quality plan violations. The responsibility for the correction will lie with the contractor and be enforced as outlined Section I.9 of this document to ensure pollutant reduction and water quality protection.

Measurable Goals:

a. The City will identify and evaluate contractual language used in all City contracts to determine whether contractors have policies protective of water quality.

Year 1

b. Revise contractual language in year 2 to require contractors to implement City-approved BMPs for all operations to reduce pollutants in stormwater to the MEP and to protect water quality, and use the revised language in City contracts in year 2 and in all subsequent years.

Years 2-5

c. Develop a spreadsheet to track vendor/contractor projects and BMP effectiveness that will report the number of Notice of Violations per project and the number of Corrective actions, along with deadlines and schedules of corrective action.

Year 1

d. Evaluate contractor compliance with BMPs; and count the number of violations.

Years 2-5

e. Staff will inspect all contractor activities quarterly for compliance with contract language requiring City-approved BMPs.

Years 2-5

f. The City will enforce compliance for 100% of contractor activities where the City identifies a violation using established enforcement methods.

Years 2-5

PP.3 Training by City Departments: All City employees will receive annual training on storm water pollution prevention based on their work responsibilities. Most of the training programs will be integrated into existing training presented to staff, such as safety training. The City will develop a Fact Sheet including all BMPs currently adopted and in use by the City, and will distribute the Fact Sheet and use it in training. The Fact Sheet will provide general direction to all City employees through new employee orientation to protect water quality both at work and at home. Training topics will range from the general “City-Wide Employee BMPs” to activity-specific BMPs such as “Vehicle Maintenance.”

Measurable Goals:

a. The City will provide annual training for key staff (currently the City Engineer, Project Engineers and Stormwater Compliance Officer) in the proper implementation of all BMPs adopted by the City for municipal operations. The City will also develop in year 1, and keep current and include in the SWMP as a revision, a list of staff who will be trained in the implementation of each BMP.

Years 1-5

b. City departmental managers will develop guidance on their Department’s responsibilities for storm water management and will provide this information to all relevant personnel.

Years 2-5.

c. In the first year, the City will develop (or adopt an existing) fact sheet on all BMPs currently adopted and in use by the City. The City will keep the Fact Sheet current and will distribute it to all personnel responsible for installing, implementing, maintaining, or enforcing BMPs.

Years 1-5

d. The City will prepare materials for training all staff responsible for installing, implementing, maintaining, or enforcing BMPs in the proper installation, implementation, maintenance, and enforcement of BMPs, and will update these materials annually.

Years 1-5

e. The City will conduct annual training using the training materials for all staff responsible for installing, implementing, maintaining, or enforcing BMPs, and will administer an annual post-training quiz.

Years 1-5

GH.1 Street Sweeping: The City contracts for street sweeping for 100% of its streets plus City-owned public parking lots on a regular basis. Sweeping is currently conducted twice per month. No water is discharged from the street sweeping with the exception of dust control spray. Wastes are vacuumed and disposed of by the contractor.

Sidewalks are inspected weekly and swept on an as-needed basis in the downtown area; no chemicals are used in the process. Solids are collected by-hand prior to and subsequent to steam cleaning.

Measurable Goals:

a. City staff will inspect sidewalks weekly to determine need for sweeping.

Years 1-5

b. The City will sweep City streets and City-owned public parking lots twice per month. The sweeping activity will discharge no wastes or water into the storm drain system.

Years 1-5

GH.2 Storm Drain Cleaning: The storm drain system, operates for the most part without blockages and therefore major maintenance is performed on an as-needed basis. Open channels and drop inlets, will be cleaned annually prior to the rain season to remove fallen leaves and other debris collected in the system. The entire system including open channels, drop inlets, pipelines and catch-basins, will be cleaned on an as needed basis.

Where more serious blockages occur, the City utilizes a Vactor truck for cleaning the storm drain. For the most part, the storm drain system

City staff will evaluate the cost-effectiveness of employing the Vactor truck on a more frequent basis for clean out of the storm drain system.

Measurable Goals:

a. The City will clean all open channels and storm drain inlets annually prior to the rainy season; The City will also clean catch basins, pipelines, open channels, and storm inlets on an as-needed basis.

Years 1-5

b. City staff will determine the cost effectiveness of cleaning the storm drain system using a Vactor truck as part of routine maintenance.

Year 1

c. If regular cleaning with a Vactor truck is cost-effective, City staff will prepare a cleaning schedule in year 2, and will implement the schedule in year 2 and in all subsequent years.

Years 2-5

GH.3 - Trash, Green Waste and Recycling: In order to prevent solid wastes from entering the storm drain system, the City currently provides and will continue to provide trash, green waste, and recycling services. There are 30 public trash containers maintained by the City.

These are emptied four days a week, or more frequently if needed, often daily for some receptacles. A private waste-haul contractor removes the trash.

The City has enacted a Green Waste Ordinance, requiring residential and commercial users of the waste service to separate green waste from trash and use the green waste bins provided by the hauler. There are also three public green waste bins available to the public. These bins are emptied every two weeks, The City also enacted a ban on the disposal of cardboard.

The City also provides commingled recycling bins to the public. There are two bins located near the City Hall and Annex, and four three bin recycling sites located around town. These bins are emptied every two weeks. In addition, the regional recycling and hazardous materials collection site is located within the City and is available to the public.

Measurable Goals:

a. The City will empty public trash receptacles 4 times per week, and as needed. In addition, the City will evaluate the effectiveness of the public trash receptacle activity each year, and modify it as needed.
Years 1-5

b. The City will empty green waste bins every two weeks, and as needed. In addition, the City will evaluate the effectiveness of the public trash receptacle activity, and modify it as needed.
Years 1-5

c. the City will empty public recycling bins every two weeks, and as needed. In addition, the City will evaluate the effectiveness of the public recycling receptacle activity, and modify it as needed.
Years 1-5

d. Include 1-2 questions relating to recycling in the online / Banner survey.
Years 1-5

e. Publish 1 article annually relating to trash, green waste and/or recycling in the Banner.
Years 1-5

6.3 Reporting

Data collected for each measurable goal will be compiled, reviewed and summarized as part annual report to the RWQCB. Significant variance from targets, City employees input, feedback received from elected officials and the general public through City Council, Planning Commission, and Recreation and Parks Commission meetings and other sources will be documented and used to improve implementation of all six minimum control measures and to modify BMPs or the measurable goals, as appropriate (see PI.1.a); the basis for any changes will be included in the following annual report. The City will retain storm water records for five years. Each department will also keep their records for five years.

**Table 6-3
BMP Implementation: Pollution Prevention and Good Housekeeping for
Municipal Operations**

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PP.1	Sediment Pathogens (indicator bacteria) Hydrocarbons (O&G, lubricants) metals , nutrients	Adoption/ Development of City-wide BMPs	<p>a. The City will identify BMPs the City will implement for all municipal operations, including specific numeric performance expectations and effectiveness measures. BMPs will be chosen from the CASQA handbook on a case by case basis.</p> <p>b. The City will implement all existing BMPs in the first year, and in all subsequent years unless they are replaced with more effective BMPs.</p> <p>c. City staff will develop and implement a tracking system document implementation, effectiveness, inspection, inspection results, and aintenance/replacement of all municipal BMPs.</p> <p>and perform annual evaluation of the appropriateness and effectiveness of BMPs, reviewing 50% of the BMPs for municipal operations each year, and will revise or replace BMPs as necessary.</p>	<p>1</p> <p>1-5</p> <p>2</p> <p>3-5</p>	<p>b.100% of BMPs incorporated will be documented</p>	City Engineer /Stormwater Compliance Officer
PP.2	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc	Purchasing and Contracts	<p>a. The City will identify and evaluate contractual language used in all City contracts to determine whether contractors have policies protective of water quality.</p> <p>b. Revise contractual language to require contractors to implement City-approved BMPs for all operations to reduce pollutants in stormwater to the MEP and to protect water quality, and use the revised language in City contracts in year 2 and in all subsequent years.</p> <p>c. Develop a spreadsheet to track vendor/contractor projects and BMP effectiveness that will report the number of Notice of Violations per project and the number of Corrective actions, along with deadlines and schedules of corrective action.</p> <p>d. Evaluate contractor compliance with BMPs.</p> <p>e. Staff will inspect all contractor activities quarterly for compliance with contract language requiring City-approved BMPs.</p>	<p>1</p> <p>2-5</p> <p>1</p> <p>2-5</p> <p>2-5</p>	<p>c. Count the number of contracted projects or activities which affect water quality</p> <p>d. Count the number of violation notices sent and corrective actions taken.</p>	City Engineer /Stormwater Compliance Officer

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
PP.2	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc	Purchasing and Contracts	f. The City will enforce compliance for 100% of contractor activities where the City identifies a violation using established enforcement methods	2-5	-d. Staff will evaluate the effectiveness of the contract review and modify it as necessary	City Engineer /Stormwater Compliance Officer
PP.3	Sediment Nutrients (P, N, N03, N02) Metals Detergents Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris) Toxics (organics, hazardous waste, etc	Training by City Departments	<p>a. The City will provide annual training for key staff (currently the City Engineer, Project Engineers and Stormwater Compliance Officer) in the proper implementation of all BMPs adopted by the City for municipal operations. The City will also develop in year 1, and keep current and include in the SWMP as a revision, a list of staff who will be trained in the implementation of each BMP.</p> <p>b. City departmental managers will develop guidance on their Department's responsibilities for storm water management and will provide this information to all relevant personnel.</p> <p>c. In the first year, the City will develop (or adopt an existing) Fact Sheet on all BMPs currently adopted and in use by the City. The City will keep the Fact Sheet current and will distribute it to all personnel responsible for installing, implementing, maintaining, or enforcing BMPs.</p> <p>d. The City will prepare materials for training all staff responsible for installing, implementing, maintaining, or enforcing BMPs in the proper installation, implementation, maintenance, and enforcement of BMPs, and will update these materials annually.</p> <p>e. The City will conduct annual training using the training materials for all staff responsible for installing, implementing, maintaining, or enforcing BMPs, and will administer an annual post-training quiz.</p>	<p>1-5</p> <p>2-5</p> <p>1-5</p> <p>1-5</p> <p>1-5</p>	<p>a-e. Staff will evaluate the effectiveness of the annual training and modify it as necessary</p>	

No.	Targeted POCs	BMP	Measurable Goal	Year	Effectiveness Measure	Responsible Party
GH.1	Pathogens, Sediment Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Street Sweeping	a. City staff will inspect sidewalks weekly to determine need for sweeping.	1-5	a.-b Document lane-miles swept, weight of solids removed, and status of sweeping contract. Staff will evaluate the effectiveness of the long-term maintenance strategy modify it as necessary.	Engineering / Storm Water Compliance Department
			b. The City will sweep City streets and City-owned public parking lots twice per month. The sweeping activity will discharge no wastes or water into the storm drain system.	1-5		
GH.2	Pathogens, Sediment Nutrients (P, N, N03, N02) Hydrocarbons (O&G, lubricants) Pesticides Gross pollutants (litter, trash, debris)	Storm Drain Cleaning	a. The City will clean all open channels and storm drain inlets annually prior to the rainy season. The City will also clean catch basins, pipelines, open channels, and storm inlets on an-as needed basis.	1-5	a-b The amounts of debris and frequency of cleaning will be documented and evaluated and schedules adjusted to maintain a clear system. Staff will evaluate the effectiveness of the long-term maintenance strategy and make recommendation for future assessments and modify it as necessary.	City Engineer/ Storm Water Compliance Officer
			b. In year 1, City staff will determine the cost effectiveness of cleaning the storm drain system using a Vactor truck as part of routine maintenance.	1-5		
			c. If regular cleaning with a Vactor truck is cost-effective, City staff will prepare a cleaning schedule in year 2, and will implement the schedule in year 2 and in all subsequent years.	2-5		
GH.3	Gross pollutants (litter, trash, debris)	Trash, Green Waste and Recycling	a. The City will empty public trash receptacles 4 times per week, and as needed. In addition, the City will evaluate the effectiveness of the public trash receptacle activity, and modify it as needed.	1-5	a.-c. The amounts of waste and frequency of emptying will be documented and evaluated and schedules adjusted to maintain a viable system.	City Engineer/ Storm Water Compliance Officer
			b. The City will empty green waste bins two weeks, and as needed. In addition, the City will evaluate the effectiveness of the public trash receptacle activity, and modify it as needed.	1-5		
			c. The City will empty public recycling bins every two weeks, and as needed. In addition, the City will evaluate the effectiveness of the public recycling receptacle activity, and modify it as needed	1-5		
			d. Include 1-2 questions relating to recycling in online / <u>Banner</u> survey .	1-5		
			e. Publish 1 article annually relating to trash, green waste and/or recycling in <u>Banner</u> .	1-5		

7.0 MONITORING AND REPORTING REQUIREMENTS

The purpose of monitoring and reporting is to document successful implementation of the SWMP and determining the program's effectiveness at reducing pollutants to the MEP and protect water quality. The General Permit requires annual reports be submitted annually upon approval of the City's SWMP. The City intends these annual reports to cover the fiscal year immediately prior to the reporting period.

The City will monitor the implementation of its program and the overall effectiveness by measuring and reporting the data discussed in the individual Minimum Control Measures sections discussed above.

In general, the data will be collected:

- Progress establishing BMPs that are developed during the SWMP implementation period, or establishing existing BMPs in newly identified permit areas
- Training City staff (and as appropriate - contractors),
- Objective measures of ongoing BMPs such as public participation or education outreach, and
- Response time and results of pollution cleanup.
- Information regarding the City's implementation of BMPs specified in the SWMP;
- Information regarding the City's progress toward measurable goals identified in the SWMP;
- Information regarding the effectiveness of BMPs, according to effectiveness Measures identified in the SWMP for each BMP; and
- Information regarding BMPs' effectiveness at reducing pollutants to the MEP and protecting water quality

The City will evaluate both current conditions and BMP effectiveness and, as appropriate, update BMPs and measurable goals to achieve the objective of meeting water quality standards to the Maximum Extent Practicable. It may be necessary to expand or better tailor existing BMPs after implementing the minimum control measures described in this SWMP. Such changes would be based on the results of monitoring provided in the annual reports and developed in consultation with the Community Interest Group and the Central Coast Regional Water Quality Control Board (RWQCB).

Form and Content of Annual Report

The City's annual reports will include:

- The status of compliance with General Permit conditions;
- An assessment of the appropriateness and effectiveness of identified BMPs;
- The status of the identified measurable goals;
- Results of information collected and analyzed, including monitoring data, if any, during the reporting period;
- A summary of stormwater activities the City plans to undertake during the next reporting cycle;
- Any proposed change(s) to the SWMP along with a justification for the changes;
- A change in the person or persons implementing and coordinating the SWMP; and
- The effectiveness of each BMP, particularly its effectiveness at reducing pollutants to the MEP and protecting water quality.

The State has not yet provided specific guidance as to the specific form and content of the annual report. The City intends to provide summaries of data in tabular form. Data such as number of employees trained, number of construction sites inspected, etc. will be presented in summary tables. Because the City is required to keep records for five years and due to the intent of the reporting requirement, the annual

report will focus on a summary of progress and discuss any changes to the SWMP to be implemented in meeting the “maximum extent practicable” standard. Of necessity, the reporting format needs to be flexible and if changed, reasons will be given. Focus will be to clearly show progress, discuss program adjustments, and respond to challenges in implementing the SWMP.

Reporting and Compilation of data

The City is developing a central reporting system to allow a web-based reporting of BMPs. This City-wide program is intended to track BMP selection and implementation, identify schedules for all facilities, and provide opportunity for feedback and clarification on BMPs. Report results will be used directly in the annual report to the RWQCB to identify BMPs implemented by the City.

Pursuant to the State’s “General Permit,” the City will retain storm water records for five years. Each department responsible for implementing substantive elements of the SWMP will be directed to keep their records for five years. These records will be the source of compiled data contained in the Annual Report.

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APPENDIX A

MEASURES TO BE CONSIDERED IN REVIEW OF CITY LAND USE POLICIES AND DESIGN GUIDELINES

Site Planning Measures (these minimize impervious surface and maximize infiltration):

- Cluster development
- Preserve natural topography, drainage patterns, and stream channels;
- Pursue alternate designs in pedestrian areas
- Avoid curb and gutter along driveways and streets where appropriate
- Use alternate paving materials/porous/permeable materials, where appropriate
- Reduce the length of driveways or infiltrate driveway runoff
- Reduce street width by eliminating on-street parking
- Set aside open space
- Riparian and wetland buffers;
- Minimize soil disturbance;
- Preserve natural vegetation;
- Preserve trees;
- Protect steep slopes;
- Preserve hydrologically functioning areas (floodplains, recharge zones, wetlands, topography, channel shape and slope); and
- Provide pet waste controls

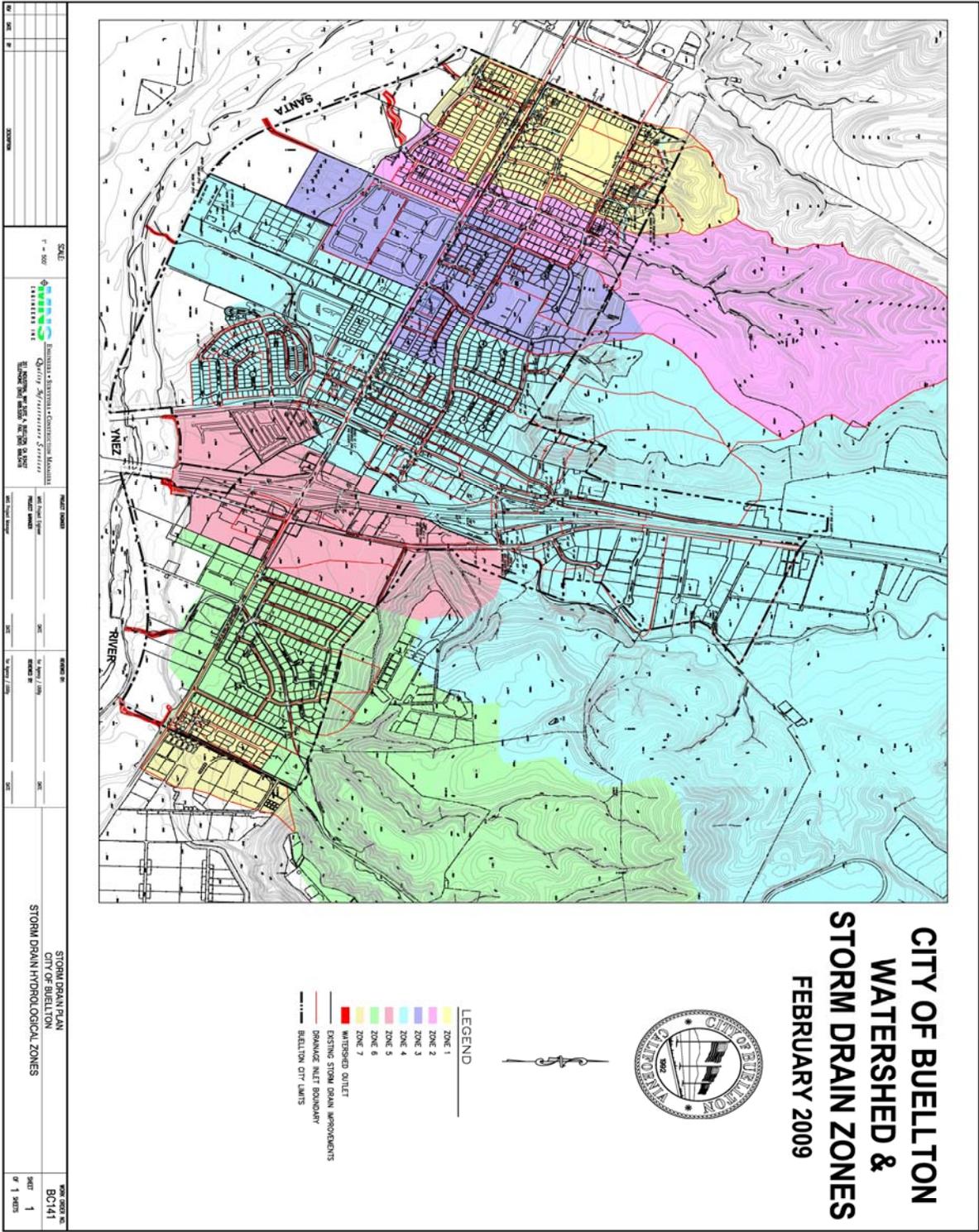
Source Control Measures (these avoid pollution in the long run by eliminating sources):

- Provide green areas where pets can be exercised
- Install landscaping or other ground cover
- Incorporate low-maintenance landscaping that does not require frequent fertilizer or water
- Require labeling of storm drains to discourage dumping
- Where possible, eliminate gutters/roof drains draining to paved areas or direct runoff to landscaped areas
- Construct designated vehicle wash area in new residential developments
- Encourage underground parking and the construction of multi-storied parking structures
- Encourage cooperative or shared parking
- Encourage use of alternate paving materials for parking lots
- Reduce building footprint and increase use of taller structures (where appropriate)
- Use berms around waste storage areas
- Install valves on storm drain inlets in loading dock areas

Treatment Control Measures (these capture and treat the polluted runoff before it enters the city's storm drain system or other receiving waters):

- Rooftop Catchment Systems
- Vegetated Filter Strips
- Vegetated Swales
- Infiltration Basins
- Infiltration Trenches
- Dry Detention Ponds/Basins
- Retention Ponds/Wet Basins
- Constructed/Restored Wetlands
- Filtration Systems
- Oil/Grit Separator

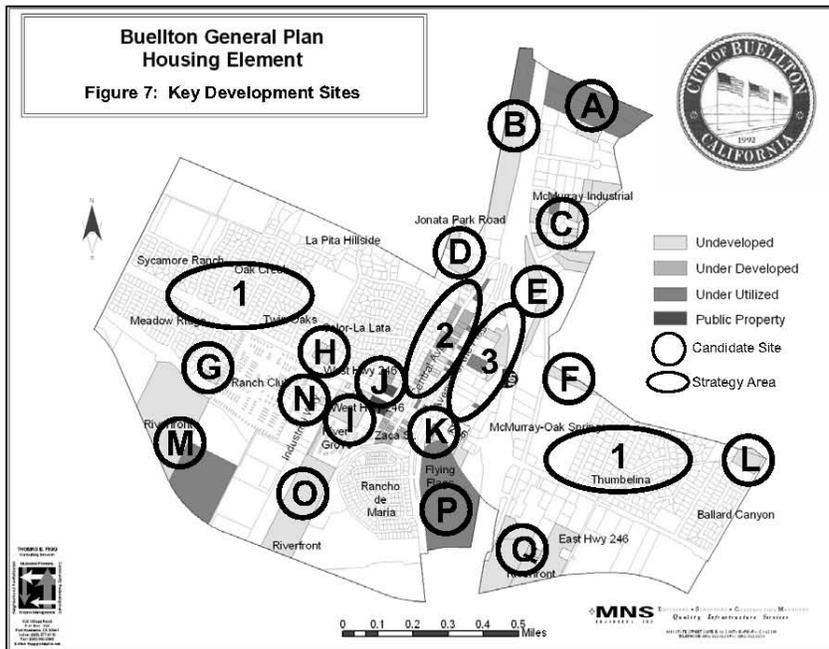
City watershed areas map



City build out area map

TABLE 48: (Continued)	NO. OF DWELLINGS			Total
	Minimum Lot Sizes (Sq. Ft.)			
Thumbelina	0	0	193	193
Ballard Canyon	1	39	3	43
Subtotal	184	390	335	909
Entitled to Date				
Constructed				11
Approved				21
Subtotal				32
Additional Potential				877

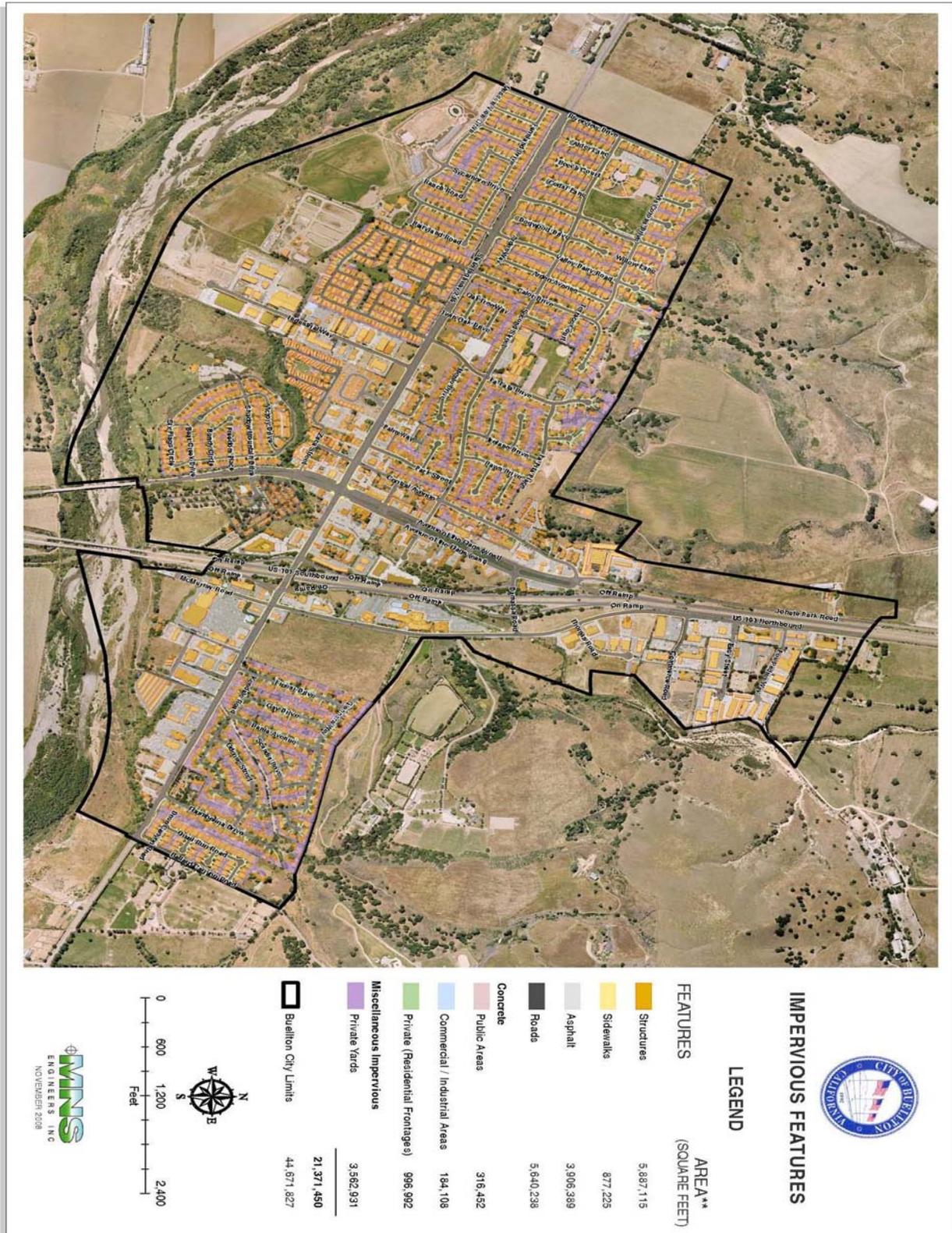
SOURCE: County of Santa Barbara, Assessor's Office, Parcel Data Base, Rolls for 2002 and 2003. City of Buellton, Planning Department, Project Entitlement Status, March 2003.
NOTE: Current Buellton Zoning Ordinance allows attached secondary dwellings on lots with a minimum size of 7,000 square feet and detached secondary dwellings on lots with a minimum lot size of 10,000 square feet. The reduced potential threshold of 6,500 square feet corresponds to the minimum lot size requirement for the RS Single Family Residential Zone District.



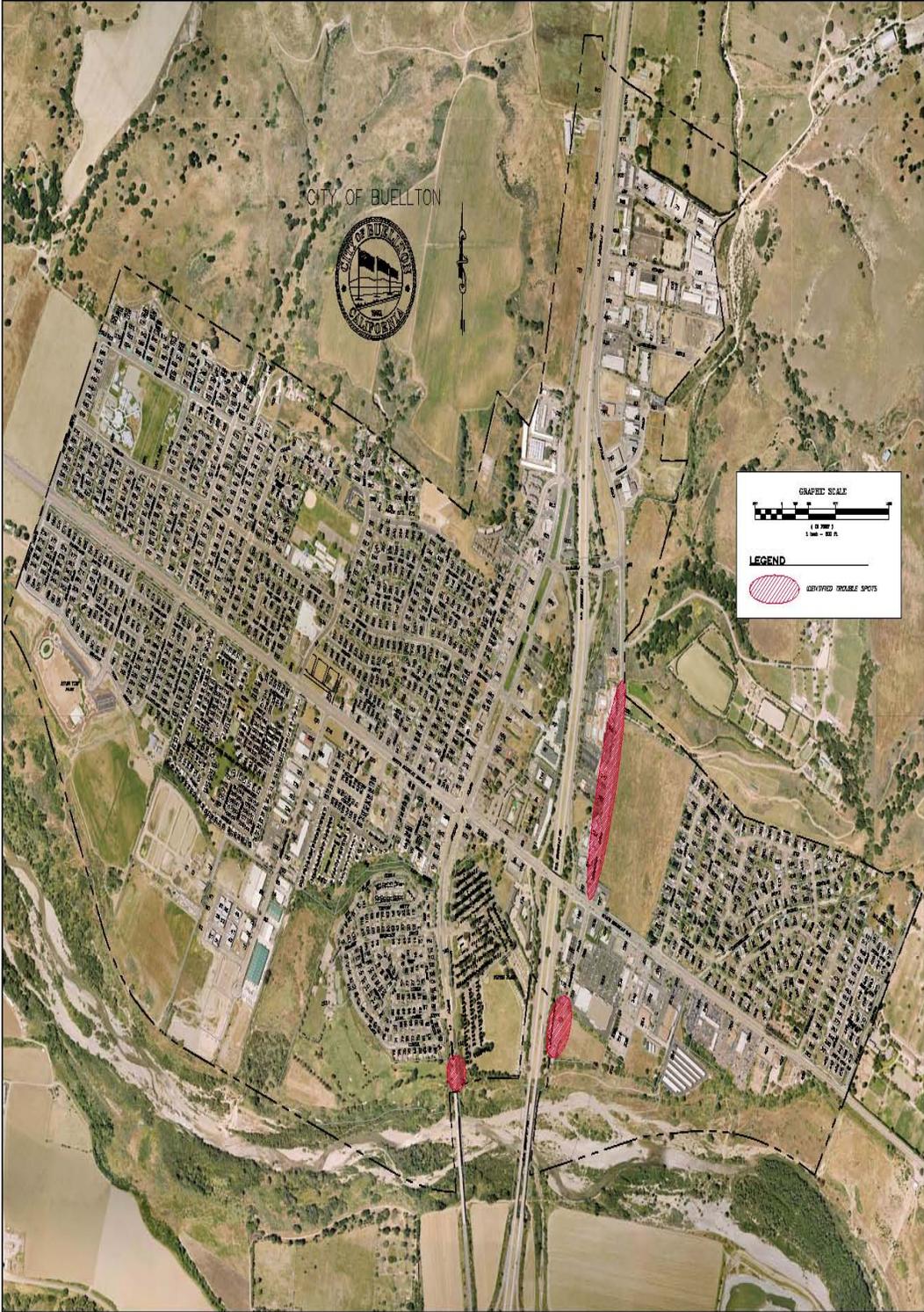
City build out area table

TABLE 49: SITE ASSESSMENT SUMMARY		KEY DEVELOPMENT SITES				
	Current Land Use	SITE SUITABILITY		DEVELOPMENT POTENTIAL		
		Development Constraints	Infrastructure & Services	Zone District	Base Density	Unit Yield
A	Under Utilized	Noise, Access & Flooding	Available	M (CR Rezone)	10 Du/Ac	180
B	Undeveloped & Under Utilized	Noise & Hill Slope	Available	CR	10 Du/Ac	182
C	Undeveloped & Under Utilized	Land Use, Noise & Flooding	Available	M & CS (CR Rezone)	10 Du/Ac	156
D	Undeveloped	Access & Hill Slope	Available	RM-12 & RS-6	7-12 Du/Ac	20
E	Undeveloped	Noise & Flooding	Available	CR	10 Du/Ac	51
F	Undeveloped	Slope	Available	CR	10 Du/Ac	22
G	Undeveloped	Unconstrained	Available	RS-6	7 Du/Ac	5
H	Undeveloped	Noise	Available	CR	10 Du/Ac	16
I	Undeveloped	Land Use & Noise	Available	CR & RM-8	8-10 Du/Ac	51
J	Public Property	Land Use & Noise	Available	PQP (CR Rezone)	10 Du/Ac	20
K	Undeveloped & Under Utilized	Noise & Flooding	Available	CR	10 Du/Ac	20
L	Undeveloped	Flooding	Available	RS-6	7 Du/Ac	19
M	Undeveloped & Under Utilized	Land Use & Flooding	Available	M & OS (RM-8 Rezone)	8 Du/Ac	159
N	Undeveloped	Land Use	Available	M (CR Rezone)	10 Du/Ac	5
O	Undeveloped & Under Utilized	Flooding, Access, Pending Project & L. Use	Available	M (CR & RM-8 Rezone)	8-10 Du/Ac	70
P	Under Utilized (RV Resort)	Flooding & Noise	Available	CR	10 Du/Ac	128
Q	Undeveloped	Flooding & Noise	Available	CR	10 Du/Ac	121
1	Existing Developed	Unconstrained	Available	RS Zone Districts	Variable 1 Du/Lot	877
2	Under Developed	Unconstrained	Available	RM-14 & RM-16	14-16 Du/Ac	77
3	Undeveloped & Under Utilized	Noise & Flooding	Available	CR	10 Du/Ac	62

City impervious surface map



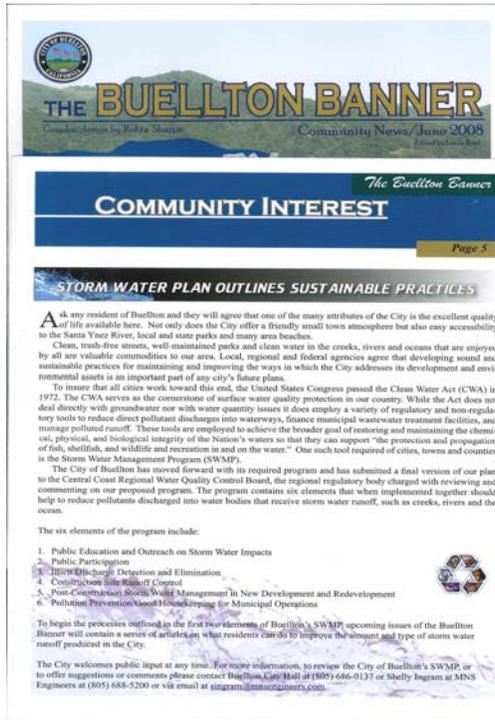
City map of potential illegal dumping and noted trouble spots



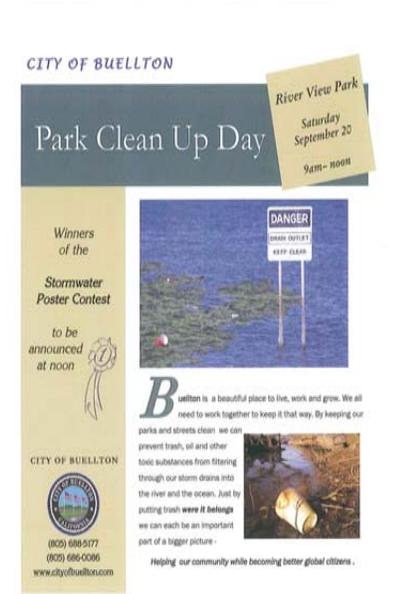
APPENDIX C

CITY OF BUELLTON PUBLIC OUTREACH MATERIAL

A Copy of the Buellton Banner



A Poster for a Park Clean Up Day



A "Mutt Mitt" Station



A City Storm Drain Marker

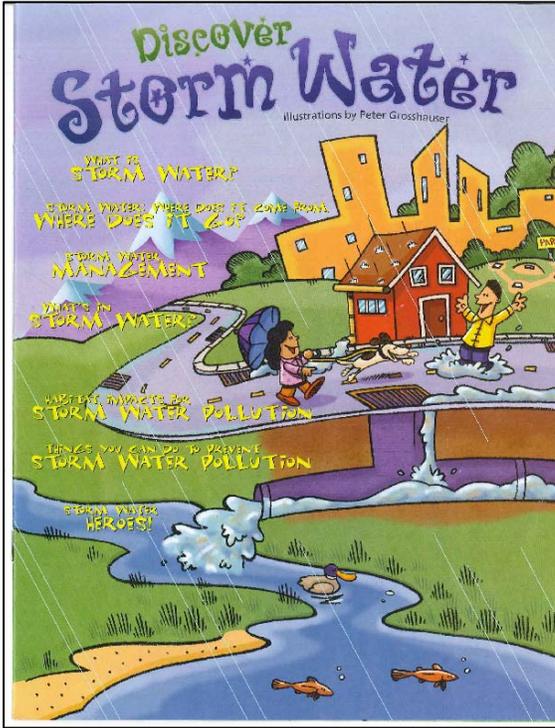


Part: ORD

Trash collected at the 2008 Park Clean Up



Educational outreach materials



Only rain in the drain...

Help your students learn the importance of keeping their town clean and creeks uncluttered. Use these fun activity books to guide them to a better understanding of the role stormwater plays in everyone's life.

Enter student drawings in the First Annual Buellton **Stormwater** Poster Contest ...

Winning artwork will be displayed in the Library and other City buildings

City of Buellton • Public Works Department • Stormwater Management

Drawings may be any size—winning drawings will be reproduced as 11 x 17 posters

Call Shelly Ingram 688-5200 for details

Planning Commission and Council Presentations

To insure that all American cities work toward this end, the United States Congress passed the Clean Water Act (CWA) in 1972. The CWA serves as the cornerstone of surface water quality protection in our country. While the Act does not deal directly with ground water nor with water quantity issues it does employ a variety of regulatory and non-regulatory tools to sharply reduce direct pollutant discharges into waterways, finance municipal wastewater treatment facilities, and manage polluted runoff.

These tools are employed to achieve the broader goal of restoring and maintaining the chemical, physical, and biological integrity of the nation's waters so that they can support "the protection and propagation of fish, shellfish, and wildlife and recreation in and on the water." One such tool required of cities, towns and counties is the Storm Water Management Program (SWMP).

The City of Buellton has moved ahead with its required program and has submitted a final version of our plan to the Central Coast Regional Water Quality Control Board (RWQCB), the regional regulatory body charged with reviewing and commenting on our proposed program. The program contains six elements that when implemented together should help to reduce pollutants discharged into water bodies that receive storm water runoff, such as creeks, rivers and the ocean.

The six elements of the program include:

1. Public Education and Outreach on Storm Water Impacts
2. Public Involvement Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Storm Water Management in New development and Redevelopment
6. Pollution Prevention/Good Housekeeping for Municipal Operations

In February of 2008 the RWCQB also required SWMP to contain 4 additional elements:

1. Maximize infiltration of clean storm water, and minimize runoff volume and rate
2. Protect riparian areas, wetlands and their buffer zones
3. Minimize pollutant loading; and
4. Provide long-term watershed protection

Buellton and many of the local communities are working with the RWQCB to attain these goals. However some communities are challenging the new requirements. Lompoc is one of these communities; they will be heard at the RWQCB meeting in Santa Barbara on Friday October 18, 2008.

This evening we have provided you with a copy of the revised SWMPP and have created a display of some of the activities we have tried to organize and educational materials that were distributed. We would also like all those present to take a closer look at the map of Potential illegal dumping and noted trouble spots and we welcome any input you may provide regarding what should be located on this map.

Note: At the 10/09/08 meeting Council members requested the McMurray Road corridor be designated as a "potential trouble spot" on the city's map.

At the 10/17/08 Planning Commission meeting the Commission requested that the cul de sac on the south end of McMurray and the area across from the RV park on Avenue of the Flags be added to the map.

APPENDIX D

EXISTING CITY ORDINANCES PERTAINING TO STORMWATER

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.020 Purpose
Overview: *The purpose of this chapter is to regulate and control all secondary uses of city streets in order to protect and preserve the primary purpose and use of such streets, which is declared to be traveled by the public.*

Comments: The City has control over what the streets are being used for and can avoid the potential of harmful materials being deposited onto the streets or inadvertently becoming runoff.

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.040 Permit – Required when - Exception
Overview: A. *It is expressly declared unlawful for any person to do or cause to be done any of the following enumerated things without first obtaining a permit therefore and complying with all conditions thereof and all provisions of this chapter:*
 1. *Excavate or fill in an excavation within a street right-of-way; or*
 2. *Install, maintain, cut into, repair or remove any sidewalks, curbs, gutters or street surfacing, or install, repair or remove any facilities or substructures in, on, over, or under any street right-of-way.*

Comments: The City is involved with nearly all construction located within the ROW and has a say in what is being done. With this the City can be aware of and prevent harmful runoff.

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.050 Permit – Application – Information required
Overview: A. *Applications for a permit for performance of any of the acts described in Section 12.04.040 shall be made in writing, upon forms furnished by the department and approved by the director. The forms shall be filed with the department and shall set out the following in detail, where applicable:*
 1. *Name and residence or business address of applicant;*
 2. *Location, dimensions, purpose, extent and nature of the proposed improvement, excavation, fill or obstruction and the facilities or substructures to be installed, repaired or removed;*
 3. *Such other information as may be required by the director.*

Comments: The City will be aware of and will approve the construction/construction practices, which could be modified for SWMP.

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.100 Permit – Engineer required - When
Overview: *If, in the opinion of the director, the work proposed to be done by any applicant requires the making of plans, the director may require the application to be accompanied by such plans, and may require that such plans shall be prepared by a registered civil engineer.*

Comments: If the plans are to be prepared by a civil engineer, items required of SWPPP or SWMP will be addressed.

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.230 Work in Subdivisions – Applicability of chapter
Overview: *The terms of this chapter shall apply to work on, in or in connection with streets in any subdivision or subdivided lands, as the same are defined by law, provided that the requirements of Title 18 (upon adoption) of this code and any regulations, resolutions and orders of the council relating to subdivisions shall govern all bonds and inspection fees on work done in or in connection with a subdivision.*
Comments: The City will be closely involved with the construction of streets within subdivisions. This will provide a means of ensuring that proper SWMP measures are imposed.

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.420 Drainage Maintenance
Overview: *The permittee shall maintain all gutters free and unobstructed for the full depth of the adjacent curb and for at least one foot in width from the face of such curb at the gutter line. Whenever a gutter crosses an intersecting street, an adequate waterway shall be provided and at all times maintained.*
Comments: By keeping gutters free and clear, unwanted material will not be picked up or become runoff materials. It also allows the proper flow of storm water without additional runoff material.

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.440 Care of Excavated Material
Overview: A. *All material excavated from trenches and piled adjacent to the trench in any street shall be laid compactly along the side of the trench and maintained in such a manner as not to endanger those working in the trench, pedestrians or users of the street and so that as little inconvenience as possible is caused to those using streets, and adjoining property. Whenever necessary, in order to expedite the flow of traffic or to abate the dirt or dust nuisance, toe boards or bins may be required by the director to prevent spreading of dirt into traffic lanes. Where the confines of the area being excavated are too narrow to permit the piling of excavated material beside the trench, such as might be the case in a narrow alley, the director shall have the authority to require that the permittee haul the excavated material to a storage site and then rehaul it to the trench site at the time of backfilling. It shall be the permittee’s responsibility to secure the necessary permission and make all necessary arrangements for all required storage and disposal sites.*
Comments: This prevents the spreading of material which may later wash into storm drains.

Title: 12 Streets, Sidewalks, and Public Places
Chapter: 12.04 Street Construction and Excavation
Section: 12.04.460 Cleanup Requirements - Liability
Overview: *As the street construction and excavation work progresses, all streets shall be thoroughly cleaned of all rubbish, excess earth, rock and other debris resulting from such work. All clean up operations at the location of such street construction and excavation shall be accomplished at the expense of the permittee and shall be completed to the satisfaction of the director. From time to time, as may be ordered by the director and, in any event, immediately after completion of such work, the permittee shall, at his or its own expense, clean up and remove all refuse and unused materials of any kind resulting from work, and upon failure to do so within twenty-four (24) hours after having been notified to do so by the director, such work may be done by the*

director and the cost thereof charged to the permittee, and the permittee shall also be liable for the cost thereof under the cash deposit or surety bond provided under this chapter.

Comments: This allows the City to direct contractors to clean up material at the discretion of the City and help prevent unwanted material from entering the storm drains as runoff.

Title: 12 Streets, Sidewalks, and Public Places

Chapter: 12.08 Street Construction and Excavation

Section: 12.08.010 Building materials and apparatus on streets and sidewalks—Permit requirements, fees and default

Overview: A. Permit Required. No person shall place or cause to be placed on any street, sidewalk, or public place any material, machinery or apparatus for building, paving or other purposes and allow the same to remain there for twenty-four (24) hours without an encroachment or other permit from the director or such other officer as may be designated by the council. If the use of the street or sidewalk is in connection with a street construction or excavation permit, then the provisions of the permit shall apply. If the use of the street, sidewalk or public place is not in connection with these permits then an encroachment permit shall be obtained.

B. Permit Provisions. The encroachment permit shall specify the portion of the street or sidewalk as approved by the city attorney, which period shall not be longer than may be reasonably necessary and may be extended only in case of necessity.

C. Permit Fee. The encroachment permit shall be granted to the owner of the lot, or the builder or contractor, who wishes to use the space, upon depositing with the director a bond as approved by the city engineer, as a guarantee to the city that the permittee will remove or cause to be removed all dirt, debris and materials of any kind from the street to the satisfaction of the director immediately upon the completion of the proposed work, or at such time prior thereto when, in the judgment of the director, the public interest and convenience will be subserved by the removal of the same, or any portion thereof, and that he will repair all damage done to street, gutter, curb or sidewalk.

Comments: This prevents material such as dirt and other substances such as oil from machinery from being deposited on streets or sidewalks and later being carried into the storm drains.

Title: 12 Streets, Sidewalks, and Public Places

Chapter: 12.08 Street and Sidewalk Obstructions

Section: 12.08.020 Building Materials and Apparatus on streets and sidewalks - Regulation

Overview: F. Waterways and Gutters to be Kept Clear. All gutters and waterways must be bridged over and kept clear of obstructions to the free passage of water.

I. Removal of Excavated Earth. Earth taken from excavations and rubbish taken from buildings must not be stored either upon sidewalks or roadways or streets, and must be removed from day to day as rapidly as produced. When dry rubbish, apt to produce dust, is being handled, it must be wetted down so as to prevent its being blown about by the wind.

Comments: This keeps unwanted material from being carried off into the storm drains or obstructing the original drainage improvements.

Title: 12 Streets, Sidewalks, and Public Places

Chapter: 12.08 Street Construction and Excavation

Section: 12.08.080 Placing Material upon Streets or Sidewalks Prohibited - Exception

Overview: No persons shall place or cause to be placed anywhere upon any public street, way or sidewalk, and no person owning and occupying or having the control of any premises in the city shall suffer to remain in front thereof upon the sidewalk or portion of the street

or way next to such premises any boxes, bales, barrels, wood, lumber, goods, wares and merchandise, or any other thing. Provided, however, that goods, wares and merchandise in transit may be allowed on the outer three feet of the sidewalk for a period not to exceed six hours, where at least five feet of unobstructed sidewalk remains.

Comments: This controls what materials are placed on the streets and sidewalks and helps prevent unwanted material from being deposited and/or washed into the storm drains.

Title: 12 Streets, Sidewalks, and Public Places

Chapter: 12.12 Vehicle size and weight restrictions

Section: 12.12.100 Liability for damage to city property and streets

Overview: Any person operating a vehicle, mobile equipment, load or machinery on public property or doing any other act which otherwise damages any public street, sign, curb, gutter, sidewalk or other public property, shall be liable to the city for the cost of repairing or replacing the same, whether or not a permit is issued pursuant to this chapter.

Comments: This ensures that necessary drainage structures are replaced and maintained if damaged. With this, storm water will continue to flow properly and not pick up additional debris from damaged drainage structures.

Title: 12 Streets, Sidewalks, and Public Places

Chapter: 12.24 Median strips in Avenue of the Flags

Section: 12.24.020 Prohibited Uses

Overview: O. Discharges. No person shall permit or cause to be placed any waste water, sewage effluent, discharge from sinks or toilets or other plumbing fixtures, oil fuel or other hazardous, obnoxious or offensive substance upon or into the ground or water on the property.

Comments: This helps prevent unwanted and harmful material from making its way to the storm drains.

Title: 12 Streets, Sidewalks, and Public Places

Chapter: 12.28 Park and Recreational Facility Use Regulations

Section: 12.28.280 Water

Overview: No person shall swim, fish, bathe, wade, release pet animals in, or pollute the water of any fountain, pond, lake, stream, or reservoir except by permission of the council.

Comments: This helps prevent the unintentional pollution of water that may make its way into the storm drain or may be a part of the SWMP.

Title: 12 Streets, Sidewalks, and Public Places

Chapter: 12.28 Park and Recreational Facility Use Regulations

Section: 12.28.300 Waste Liquids and Refuse

Overview: No person shall wash dishes, or empty salt water or other waste liquids, or leave garbage, cans, bottles, papers, cigarette butts, cigar ends, smoking waste or other refuse elsewhere than in the receptacles provided therefor.

Comments: This prevents waste products from being deposited and becoming part of the runoff, making its way into storm drains.

Title: 13 Water

Chapter: 13.32 General Use Regulations

Section: 13.32.030 Water Waste

Overview: *No customer shall knowingly permit leaks or waste of water. Where water is wastefully or negligently used on a customer's premises, seriously affecting the general service, the city may discontinue the service if such conditions are not corrected within five days after giving the customer written notice.*

Comments: This prevents unnecessary runoff and helps prevent unwanted materials from being carried into the storm drains.

Title: 13 Water

Chapter: 13.32 General Use Regulations

Section: 13.32.120 Backflow Protection

Overview: *B. Approved backflow protection devices must be inspected and tested periodically for water tightness by a certified technician. The devices shall be serviced, overhauled or replaced whenever they are found defective and all cost of repair and maintenance shall be borne by the customer.*

Comments: This prevents unwanted waste becoming runoff, leaking, or making its way into storm drains.

Title: 13 Water

Chapter: 13.68 Water Conservation Standards

Section: 13.68.030 Prohibition on waste of water

Overview: *No water user whether consumer or customer, shall waste water supplied through the city water distribution system.*

Comments: Wasting water inadvertently could become runoff and carry unwanted materials into storm drains.

Title: 17 Buildings and Construction

Chapter: 17.01 Excavation and Grading

Section: 17.01.020 Purpose

Overview: *The purpose of this chapter is to establish minimum standards to safeguard life, limb, health and property, to control erosion and flood damage, and to promote public welfare, by regulating and controlling the design, construction, quality of materials, use, location and maintenance of grading, excavations and fills.*

Comments: By controlling erosion, grading, etc. unwanted material can be prevented from becoming runoff and SWMP practices may be implemented.

Title: 17 Buildings and Construction

Chapter: 17.01 Excavation and Grading

Section: 17.01.070 Grading permit required when—Waived in lieu of building permit when

Overview: *A. No person shall commence or perform any grading, excavation or fill without first obtaining a grading permit from the city engineer. A separate permit shall be required for each building site, but one permit may be issued for the main building and all accessory buildings and structures and one permit may include all grading, excavation and fill in one building site.*

Comments: By forcing a permit to be obtained, grading projects will not be able to be performed without the knowledge and approval of the City. This allows the implementation of SWMP

Title: 17 Buildings and Construction

Chapter: 17.01 Excavation and Grading

Section: 17.01.200 Permittee responsible for site maintenance - spillage

Overview: *The permittee and his agents shall carry out the proposed grading in accordance with approved plans and specifications, the conditions of the permit and with the requirements of this chapter. The permittee and his agents shall maintain all required*

protective devices and temporary drainage during the progress of the grading work and shall be responsible for observance of hours of work, dust controls and methods of hauling. The permittee or his agents shall be responsible for maintenance of the site until such time as a certificate or notice of completion has been granted by the city engineer. The permittee, his agents, and each or all of them shall become subject to the penalties set forth in this chapter in the event of failure to comply with this chapter and other applicable laws of the city. No approval shall exonerate the permittee or his agents from the responsibility of complying with the provisions and intent of this chapter. If at any time it is determined by the city engineer that material has been spilled upon city streets during the course of hauling material from the site by the permittee, the city engineer shall immediately notify the permittee to remove the material from the city streets and to clean the city streets, including the sweeping thereof. If such material is not removed and the city streets cleaned within forty-eight (48) hours after receiving such notice, the city engineer may cause the street to be cleaned by city forces at the expense of the permittee

Comments: This prevents unwanted material from becoming runoff.

Title: 17 Buildings and Construction

Chapter: 17.01 Excavation and Grading

Section: 17.01.210 Inspections and Grading Certificate issuance

Overview: A. *All construction or work for which a permit is required shall be subject to inspections by authorized employees of the city, and certain types of work, as determined by the city engineer, shall have either continuous or periodic observation by a civil engineer, soils engineer, or engineering geologist as a condition of issuance of the grading permit. Prior to issuing a grading certificate, a final inspection shall be made of all construction or work for which a permit has been issued.*

C. *Notice. The permittee or his agent shall notify the city engineer a minimum of twenty-four (24) hours in advance of the time when the grading operation is ready for each of the following inspections:*

5. *Drainage Device Inspection. After forms and pipe are in place but before any concrete or backfill is placed;*

7. *Final. When all work, including installation of all drainage structures, other protective devices, and planting and slope stabilization has been completed and the record drawing plan and required reports have been submitted;*

8. *Other Inspection. In addition to the called inspections above, the city engineer may make other inspections of any work to ascertain compliance with the provisions of this chapter and other laws;*

Comments: As work is inspected, any need for additional SWMP measures (or other form of runoff protection) may be imposed.

Title: 17 Buildings and Construction

Chapter: 17.01 Excavation and Grading

Section: 17.01.250 Planting and irrigation of cut and fill slopes

Overview: A. *General. All fill and cut slope areas which are determined by the city engineer to be subject to erosion shall be planted and irrigated with an irrigation system to promote the growth of ground cover plants to protect the slopes against erosion, as required in this section.*

The owner shall be responsible for planting and maintaining all slopes where such is required in this section.

Comments Erosion control helps prevent unnecessary and harmful runoff.

Title: 17 Buildings and Construction
Chapter: 17.04 Floodplain Management
Section: 17.04.050 Administration
Overview: A. Establishment of Site Development Permit. A site development permit shall be obtained before construction or development begins within any area of special flood hazards, areas of flood-related erosion hazards, or areas of mudslide (i.e., mudflow) hazards established in or pursuant to Section 17.04.040(B) of this chapter. Application for a site development permit shall be made on forms furnished by the floodplain administrator and may include, but not be limited to: plans in duplicate drawn to scale showing the nature, location, dimensions and elevation of the area in question; existing or proposed structures; fill, storage of materials, drainage facilities; and the location of the foregoing.
Comments: This keeps the City aware of what will be going on during construction and will allow the proper SWMP to be imposed.

Title: 17 Buildings and Construction
Chapter: 17.04 Floodplain Management
Section: 17.04.070 Provisions for flood hazard reduction
Overview: Upon the completion of the structure the elevation of the lowest floor, including basement, shall be certified by a registered professional engineer or surveyor or verified by the city building inspector to be properly elevated. Such certification or verification shall be provided to the floodplain administrator
Comments: This helps ensure proper construction.

Title: 17 Buildings and Construction
Chapter: 17.06 Construction and Demolition Materials
Section: 17.06.070 Construction and demolition materials management plans, security deposits, exemptions, appeals
Overview: A. Construction and Demolition Materials Management Plans. Each applicant submitting an application for a zoning clearance for any covered project shall complete and submit to the planning department a C&DMMP, on a C&DMMP form approved by the city for this purpose.
Comments: This prevents the illegal dumping of waste material in locations unaware to the City and the possibility of becoming unwanted runoff.

Title: 18 Subdivisions
Chapter: 18.01 Subdivision ordinance applicability and Administration
Section: 18.01.130 Duties of City officials
Overview: A. City Engineer. Shall be responsible for recommendations about geology, drainage or flooding conditions that may affect the public, as well as grading, stability, and erosion control in relation to lot access and building sites, streets, utilities, improvements within street rights-of-way, and drainage affecting streets, and for:
Comments: By making the City engineer responsible for such recommendations, proper SWMP and other runoff protection measures can be implemented.

Title: 18 Subdivisions
Chapter: 18.02 Tentative Map Filing and Processing
Section: 18.02.110 Tentative Map Application Contents
Overview: E. Additional Documents. The following additional documents shall be filed with the tentative map and application:
 2. Preliminary Grading and Drainage Plan. A proposed plan for collecting and channeling storm water run-off and other drainage onto, within and from the

subdivision, prepared by a registered civil engineer. The plan shall also show the cut/fill quantities and preliminary grades for all areas in the proposed subdivision.

Comments: Helps ensure proper storm water runoff protection.

Title: 18 Subdivisions

Chapter: 18.02 Tentative Map Filing and Processing

Section: 18.02.220 Findings for Approval or Denial

Overview: 7. The discharge of sewage from the proposed subdivision into the community sewer system will not result in violation of existing requirements prescribed by the California Regional Water Quality Control Board

Comments: Prevents the discharge of sewage into unwanted locations or becoming runoff.

Title: 18 Subdivisions

Chapter: 18.04 Parcel Maps and Final Maps

Section: 18.04.120 Parcel Map Form and Content

Overview: 4. *Streets and Easements. The map shall show the location and width of all proposed streets within the subdivision, the lines, widths and names of adjacent streets, easements of record and easements to be recorded. If any easement is not definitely located by record, a statement of such easement must appear on the title sheet. Easements for storm drains, sewers, public utilities and other purposes shall be clearly defined. Distances and bearings on the side lines of lots which are cut by an easement must be so shown that the map will indicate clearly the actual length of the lot lines. The width of the easement and the lengths and bearings of the lines thereof and sufficient ties thereto to definitely locate the easement with respect to the subdivision must be shown.*

Comments: Providing easements for drainage structures allows the City to properly maintain and monitor runoff/drainage.

Title: 18 Subdivisions

Chapter: 18.08 Subdivision Design Standards

Section: 18.08.030 Access and Circulation

Overview: C. Design and Improvement of Proposed Streets. New streets proposed or required within a new subdivision or adjacent to a new subdivision shall be located and designed as follows, and as provided by Section 18.10.150 of this title:

1. *Alignment. The alignment of streets shown on a tentative map shall be:*

a. *Consistent with the circulation element of the general plan, where applicable; and*

b. *Located so as to be in alignment with existing adjacent streets by continuation of their centerlines, or by adjustments by curves; and*

c. *As required by the city engineer.*

4. Improvements to Existing Streets. When an existing city street provides access to, passes through, or is contiguous with a proposed subdivision, the review body may require dedication of additional right-of-way and/or improvements to be made to the city street if they determine that the proposed subdivision will create the need for such improvements, or where the subdivider otherwise agrees to the improvements.

Comments: The City will have oversight over proposed improvements and may recommend proper drainage protection be implemented.

Title: 18 Subdivisions

Chapter: 18.10 Subdivision Improvements, Dedications and Agreements

Section: 18.10.110 Drainage and Watercourses

Overview: A. Drainage Systems Required. Subdivisions shall be provided storm drainage facilities as required by this section, and as required by Section 18.10.150 of this chapter.

1. Performance and Capacity. Subdivisions shall be designed to provide drainage systems to carry storm run-off both tributary to and originating within the subdivision to approved points of discharge, determined to be necessary by the city engineer on the basis of information and recommendations provided by the engineer for the subdivider. Drainage facilities shall be designed for a flood frequency of ten years with no head. Drainage system design shall avoid unnatural concentrations of storm water runoff and maintain existing drainage courses wherever possible

Comments: Adequate storm drainage to be provided. This will prevent the uncontrolled flow of water and possible accumulation of runoff containing harmful materials.

Title: 18 Subdivisions

Chapter: 18.10 Subdivision Improvements, Dedications and Agreements

Section: 18.10.120 Grading, erosion and sedimentation control

Overview: New subdivisions shall be designed so that all proposed grading incorporates appropriate erosion and sedimentation control measures as well as conforms to all other applicable provisions of the city of Buellton Grading Ordinance, in Title 8 of this code.

Comments: Eroded material and sediment are adverse to storm drainage systems and this requires protective measures to prevent these materials from reaching the storm drain.

Title: 18 Subdivisions

Chapter: 18.10 Subdivision Improvements, Dedications and Agreements

Section: 18.10.160 Sewage Disposal

Overview: A proposed subdivision shall be designed to provide for connection to the city's sewage collection, treatment and disposal system. If any part of the system is to be installed within a street right-of-way, the system location and construction specifications shall be subject to the approval of the city engineer.

Comments: Improper dumping and disposal of sewage is prevented and will ensure against waste entering the storm drainage system. Also enables the City to restrict the locations of sewage helping to protect against contamination through leaks or other means of contamination.

Title: 18 Subdivisions

Chapter: 18.10 Subdivision Improvements, Dedications and Agreements

Section: 18.10.180 Water Supply

Overview: Water mains and services shall be installed to serve each lot in a proposed subdivision and connected to the city's water system. If any part of the water system is to be installed within a street right-of-way, the system location, including valve boxes, meter boxes, and fire hydrants and the system construction specifications shall be subject to the approval of the city engineer, and the location of fire hydrants shall also be approved by the city fire department.

Comments: Helps to protect against contamination (mixing of water with storm water) or conflict with SWMP measures.

Title: 18 Subdivisions

Chapter: 18.10 Subdivision Improvements, Dedications and Agreements

Section: 18.10.300 Improvement Plans

Overview: A. Preparation and Content. Improvement plans shall be prepared by a registered civil engineer. Improvement plan submittals shall include the following information:

2. Drainage plans for the entire subdivision.

Comments: Ensures proper drainage and control of storm runoff for proposed improvements.

Title: 18 Subdivisions

Chapter: 18.10 Subdivision Improvements, Dedications and Agreements

Section: 18.10.400 Installation of Improvements

Overview: 3. Notification for Required Inspections. The city engineer shall make such inspections as he deems necessary and shall be notified twenty-four (24) hours in advance of any required inspection. The minimum required inspections are as follows:
 c. The inspection of storm drain, sewer pipe and water pipe installation and backfill, including compaction testing;

Comments: Helps ensure that proper storm drainage is installed and meets the approval of the City Engineer.

Title: 18 Subdivisions

Chapter: 18.10 Subdivision Improvements, Dedications and Agreements

Section: 18.10.620 Right-of-Way Dedications

Overview: A. Offers of Dedication Required. As a condition of tentative map approval, the subdivider shall dedicate or make an irrevocable offer of dedication in fee simple of all land within the subdivision that is determined by the review body to be needed for public streets and alleys, including access rights and abutters' rights; drainage; public greenways; scenic easements, public utility easements; and any other necessary public easements.

B. Improvements. The subdivider shall improve or agree to improve all streets and alleys, including access rights and abutters' rights; and drainage, public utility and other public easements in accordance with design and improvement standards within this chapter or as may be adopted by resolution of the council.

Comments: Allows necessary access to drainage facilities for maintenance and improves drainage.

Title: 19 Zoning

Chapter: 19.04 General Development Regulations

Section: 19.04.120 Landscaping Requirements

Overview: Proposed development shall include the installation and maintenance of landscaping as required by this section, and Sections 19.04.100 and 19.04.144 of this chapter.

Comments: Helps reduce and control the amount of impervious area, which in turn controls runoff and exposure of harmful materials to runoff.

Title: 19 Zoning

Chapter: 19.04 General Development Regulations

Section: 19.04.144 Design and Improvement of Parking

Overview: C. Construction and Design.

1. All parking areas shall be graded and have drainage provided so as to dispose of all surface water without erosion, flooding, and other inconveniences or hazards.

Comments: Parking lots have harmful materials (oil, gas, etc.) that can be harmful for runoff in addition to harmful eroded material. This will help control runoff.

Title: 19 Zoning

Chapter: 19.06 Specific Use Requirements

Section: 19.06.120 Mobile home Parks

Overview: 3. Open Space and Landscaping. Mobile home planned developments shall be designed to provide open space and landscaping areas as follows:

Comments: Helps reduce and control the amount of impervious area, which in turn controls runoff and exposure of harmful materials to runoff.

Title: Appendix

Chapter: SBCC Ch. 14 Grading, Erosion and Sediment Control

Section: SBCC Sec. 14-2. Purpose

Overview: *This chapter also addresses compliance with the National Pollutant Discharge Elimination System (NPDES) Phase II storm water regulations and sets forth local storm water requirements for the disturbance of less than one acre, to avoid pollution of water courses with sediments or other pollutants generated on or caused by surface runoff on or across the construction site*

Comments: Prevents harmful runoff from entering storm drains.

Title: Appendix

Chapter: SBCC Ch. 14 Grading, Erosion and Sediment Control

Section: SBCC Sec. 14-9. Erosion Control Permits

Overview: *(a) No person shall perform any agricultural grading, excavation or fill which requires an erosion control permit as specified under section 14-8(b) of this chapter, without first obtaining an erosion control permit for such work from the director.*

Comments: Permission must be provided prior to any grading. Grading could produce harmful runoff and SWMP measures may be required for approval.

Title: Appendix

Chapter: SBCC Ch. 14 Grading, Erosion and Sediment Control

Section: SBCC Sec. 14-10. Grading Permits

Overview: *(a) Except as provided in sections 14-6, 14-8 and 14-9 of this chapter, no person shall perform any grading, excavation or fill without first obtaining a grading permit and land use permit for such work from the planning and development department of the County of Santa Barbara. Issuance of a land use permit by the planning and development department shall be subject to the application, processing and enforcement procedures provided in chapter 35 of the County Code of the County of Santa Barbara. A separate permit shall be required for each site and may cover both excavation and fills. Adjacent sites being graded as one integrated project may be considered one site for purposes of this section. Land use permits shall not be required for Natural Resources Conservation Service (NRCS) Federal Cost Share projects (including, but not limited to, projects under the Conservation Reserve Program (CRP), the Wildlife Habitat Improvement Program (WHIP) and/or the Environmental Quality Incentive Program (BOIP)), approved with a finding of no significant impact under the National Environmental Policy Act and conducted pursuant to the National Handbook of Conservation Practices consistent with the mandated nine-step planning process that includes post installation field assessment.*

Comments: Permission must be provided prior to any grading. Grading could produce harmful runoff and SWMP measures may be required prior to approval.

Title: Appendix

Chapter: SBCC Ch. 14 Grading, Erosion and Sediment Control

Section: SBCC Sec. 14-11. Permit Applications

Overview: *g) A drainage, erosion, and sediment control plan as required under the provisions of this chapter (see sec. 14-29). No grading work shall be permitted unless the plans and specifications submitted for approval include an erosion and sediment control plan (or SWPPP if applicable) approved by the director. The requirements of the erosion and sediment control plan shall be implemented, as required by the plan, prior to any*

grading. Control measures contained in the erosion and sediment control plan shall be implemented according to the county approved Construction Site BMP Manual(s).

Comments: No grading work is allowed without proper storm water management and protection.

Title: Appendix

Chapter: SBCC Ch. 14 Grading, Erosion and Sediment Control

Section: SBCC Sec. 14-27. Planting

Overview: *All earth fills shall be planted and mulched with temporary vegetation, or otherwise protected from the effects of storm runoff or dust erosion within thirty days of the completion of grading, or as specified in the approved erosion and sediment control plan or SWPPP*

Comments: This helps to prevent harmful storm runoff.

Title: Appendix

Chapter: SBCC Ch. 14 Grading, Erosion and Sediment Control

Section: SBCC Sec. 14-29. Drainage, Erosion and Sediment Control

Overview: *(a) An erosion and sediment control plan shall be required as part of the grading plan and permit requirements. The plan shall incorporate applicable county approved best management practices. In lieu of the erosion and sediment control plan, the county may accept a SWPPP, prepared for the estate, if it contains the requirements of the county's erosion and sediment control plan. The erosion and sediment control plan shall contain:*

(5) Drainage, erosion and sediment control plans shall include best management practices for control of pollutants from onsite storm water discharges and non-storm water discharges, such as discarded building materials, litter, sanitary waste, and the washout of excess construction materials, including but not limited to drywall, grout, gypsum, plaster, mortar and concrete. Water contaminated with washout pollutants shall be collected and controlled and shall be removed from the site.

Comments: Contractor/developer is required to include storm water management or protection.