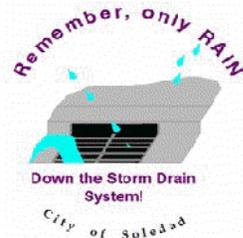


City of Soledad

Annual Report

General Permit for the Discharge of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

**Third Permit Year Report – (2006-2007)
December 2007**



Prepared by:

Public Works Department

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City of Soledad Third Annual Report Contact Sheet

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Section 1 - Introduction

THIRD ANNUAL REPORT

General Permit for the Discharge of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

Permittee Information

1. Permittee (Agency Name): **City of Soledad**
 2. Contact Person: **Clifton Price, Public Works Director**
 3. Mailing Address: **P.O. Box 156**
 4. City, State and Zip Code: **Soledad, CA 93960**
 5. Contact Phone Number: **(831) 223-5173**
 6. WDID # **3 27MS04029**
 7. Have any areas been added to the MS4 due to annexation or other legal means? YES NO
 If YES

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	
Gabilan/Toledo Retention Basin	√		√		Section of Miravale II, Subdivision, Bella Terra

8. Are you subject to the Design Standards contained in Attachment 4 of the General Permit? YES NO
 If yes, report on the implementation of the Design Standards in section D.5 of this Annual Report Form.
(See Small MS4 Annual Report Guidance for additional guidance on completing this Annual Report Form)

Reporting Period

This Annual Report covers the Third Permit Year. The Third Permit Year started on September 22, 2006 and ended on September 21, 2007.

Section 2 - Executive Summary

This Third Annual Report has been prepared by the Public Works Department to comply with the requirements of General Permit for the Discharge of Storm Water from Small Municipal Separate Storm Sewer Systems of the City of Soledad.

This Annual Report is a detailed report on the status of the implementation of the six minimum control measures outlined in the Storm Water Management Plan (SWMP) in the City of Soledad. The purposes of the annual report are as follow:

- ◆ To provide an update of all the activities those were completed during the third year.
- ◆ To present the changes needed to implement to the procedure developed by the State Water Resources Agency during the Third Permit Year
- ◆ To evaluate and assess the appropriateness and effectiveness of the SWMP.
- ◆ To present results of information collected and analyzed, including monitoring data, if any, during the reporting period.
- ◆ To present proposed modifications that will be necessary to implement in the fourth permit year.

The annual report covers the period from September 22, 2006 through September 21, 2007 and Table I summarized the status of the six minim control measures during the Third Year Permit. The annual reports highlights the tasks completed or are currently under development in order to fulfill the requirements of the third period.

New areas were annexed into the City of Soledad within this reporting period and Figure A illustrates the annexed area. Construction activities from new subdivisions that disturbed either one-acre of land or more received information about the existing SWMP and the BMPs that were required to be implemented during construction activities and each construction site were monitored and inspected by the Public Works Department during the third permit year. Three projects met the threshold of one acre or more during this period. The existing storm water and sanitary sewer schematic drawings were updated reflecting the new improvements. The creation of the storm drainage map has assisted the Public Works Department to investigate complaint regarding storm water pollution. Ten new storm drain markers were installed, and the new City of Soledad Design Standards and Standard Specifications included in its requirements the

installation of storm drain markers in new projects that are required to conform to the new Design Standards and Standard Specifications. The City of Soledad is subject to Attachment 4 (Supplemental Provisions) of the General Permit. Compliance with the supplemental provisions has been achieved during the third permit year.

Public education and public information has continued to be updated and developed during this reporting period. Handouts and several brochures were made available at City Hall counters, Public Library and community festivities, and quarterly articles continued appearing in the Soledad Times Newspaper; the articles stressed the importance of storm water pollution reduction activities. Each issue of the Soledad Times distributes an average of 6,000 copies each quarter and reaches the entire City. Storm water pollution related find-the-word puzzles and word scramble activities sheets were made available at the 2007 Expo celebrated in the month of October. The City of Soledad storm water website continues to be updated with information and references to storm water pollution reduction activities. The web page can be visited at <http://www.cityofsoledad.com/departments/publicwrks>.

City personnel attended training sessions presented by the California Storm Water Quality Association, Regional Water Quality Control Board and the City continues implementing pollution prevention in their daily activities, such as sweeping, cleaning of the storm drainage inlets, outfalls, storing properly hazardous material etc.

The activities that were scheduled to be implemented in the Third Permit year but were not concluded or implemented during this reporting period but will be fully completed or implemented during the fourth reporting period. Proposed modifications to existing activities are explained in detail in the report. The results obtained during the third permit year will increase the effectiveness of the best management practices that will be created and implemented on the fourth permit year.

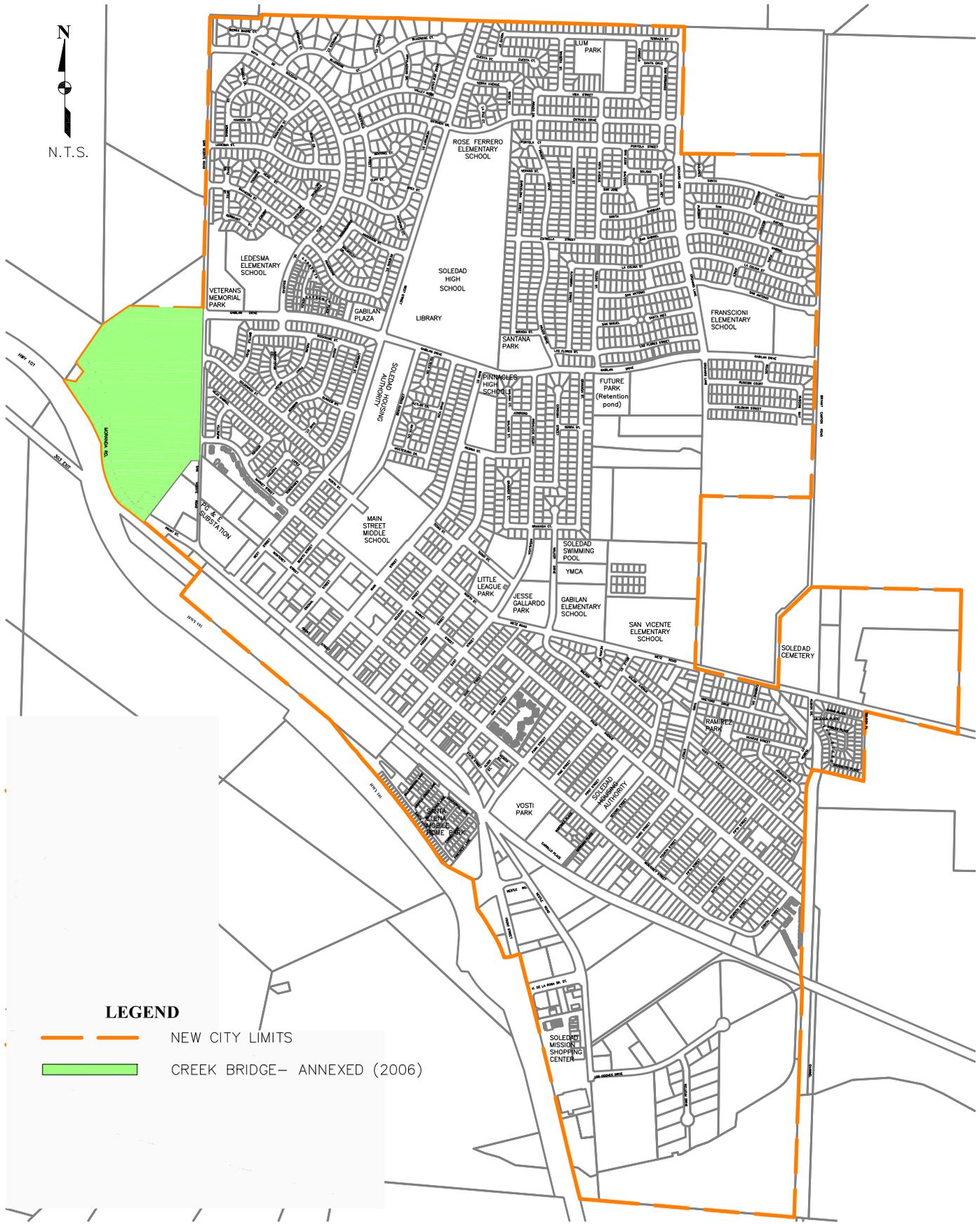
Table A: BMP Implantation Third Year – Summary

BMP IMPLEMENTATION - THIRD ANNUAL REPORT STORM WATER MANAGEMENT PLAN		Status	Schedule
MCM1: PUBLIC OUTREACH & EDUCATION			
1.1	Utility billings	◇	☀
1.2	Web site for storm water information	●	☀
1.3	Media advertisements - Television	● ○	☀ ☐
1.4	Media advertisements - Newspaper	●	☀
1.5	Brochures or fact sheets for general public and specific audiences	● ● ●	☀ ☀ ☀
1.6	Publish use of City Hall phone number for Storm Water Hotline for information and citizens reporting of polluters	●	☀
1.7	Proper disposal of household hazardous wastes	●	☀
1.8	Used Oil Recycling	● ● ●	☀ ☀ ☀
1.9	Storm drain stenciling	●	☀
1.10	Participation in Regional Storm Water Information Exchange	◇	☀
MCM2: PUBLIC PARTICIPATION AND INVOLVEMENT			
2.1	Educational and volunteer programs for school-age children and community groups	○	☐
2.2	Community Feedback	○	☐
MCM3: ILLICIT DISCHARGE DETECTION AND ELIMINATION			
3.1	Storm drain system map	●	☀
3.2	Storm Drain Outfall Inspections	●	☀
3.3	Illegal dumping reporting	●	☀
3.4	Illegal dumping documenting and monitoring	●	☀
3.5	Illegal dumping investigations and tracking of "Hot Spots"	●	☀
3.6	Adopt ordinance, including an enforcement mechanism	●	☀
3.7	Sanitary sewer system map	●	☀
3.8	Watch list for illicit connections	●	☀
3.9	Industrial/business connections	○	☐
3.10	Review and Identification of Non-Storm Water Discharges	○	☐
MCM4: CONSTRUCTION SITE STORM WATER RUNOFF CONTROL			
4.1	Regulatory mechanism for controlling polluted runoff from construction sites	●	☀
4.2	Construction site BMPs for controlling erosion & sediment at site	●	☀
4.3	SWPPP Requirements and Guidelines	●	☀
4.4	Tracking of sites >1 acre with associated erosion & sediment control	●	☀
4.5	Inspections for sediment & erosion control	●	☀
4.6	Penalties for non-compliance with runoff control measures	●	☀
4.7	Procedures for receipt and consideration of public inquiries, concerns and information submitted regarding local construction activities	●	☀
MCM5: POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT			
5.1	Site design requirements for new development and redevelopment	●	☀
5.2	Storage or detention BMPs controlling storm water	●	☀
5.3	Post-Construction storm water runoff strategies and design	●	☀
5.4	Adopt ordinance, including an enforcement mechanism	●	☀
5.5	Long-term operations and maintenance of BMPs	●	☀
MCM6: POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS			
6.1	Street sweeping	●	☀
6.2	Routine cleaning of drainage inlets	●	☀
6.3	Guidelines for cleaning of vehicle parts	●	☀
6.4	Used oil disposal	●	☀
6.5	Hazardous materials storage	●	☀
6.6	Hazardous materials training for City employees	☺	☀
6.7	Employee training on storm water management and BMPs	●	☀
6.8	Spill response	●	☀
6.9	Record keeping of spills, leaks, and other discharges at a facility	●	☀
6.10	Staff Survey	○	☐
6.11	Annual Testing for Pollutants of Concern	●	☀

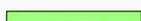
Status	○	Schedule	☺
Procedure/Program in development	○	Ahead	☺
BMP's Implemented	●	On Schedule	☀
BMP's Modified	◇	Behind	☐



N.T.S.



LEGEND

-  NEW CITY LIMITS
-  CREEK BRIDGE- ANNEXED (2006)



**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
AREA ANNEXED DURING THE THIRD PERMIT YEAR**

Figure A
December 2007
PMA

Section 3 - Minimum Control Measures

1. Public Education and Outreach

The City is reporting the status and effectiveness of BMPs and measurable goals by completely answering the questions that follow includes any proposed modifications to the SWMP and anticipated changes to the schedule. Tables are provided as well as use narrative sections to highlight information.

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
1.1 Utility Billings	Storm water messages reaching every residence and business in the City to effectively increase awareness of how seasonal activities can contribute to water pollution and to call out safeguards that aim to reduce pesticides, salinity/TDS/chlorides, and sediment/siltation, and other pollutants as appropriate and specific to the City.						√
1.2 Web site for storm water information	Website developed for widespread access to storm water information, programs, and activities.	√					
1.3 Media advertisements - Television	Storm water advertisements regularly broadcast. Broadcasts will cover a wide range of topics, such as: - How pollution on land can lead to receiving water - Where used motor oil can be recycled, and why it's important to do so - How restaurant kitchen staff can prevent storm drain pollution			√			
1.4 Media advertisements - Newspaper	No-cost storm water advertisements reaching a broad audience via printed media	√					

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BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
1.5 Brochures or fact sheets for general public and specific audiences	Storm water pollution prevention information readily available to residents, students, business owners, designers, developers, & contractors at City Hall, the library, cleanup events, and classroom educational visits.	√					
1.6 Publish use of City Hall phone number for Storm Water Hotline for information and citizen reporting of polluters	Provide a clear-cut means for the public to contact the City and report illicit discharges and illicit dumping.	√					
1.7 Proper disposal of household hazardous wastes	Facility (ies) provided for the public to dispose of hazardous materials that may otherwise be dumped illegally. Goal is to reduce amount of trash, household chemicals, pesticides, etc. entering the City's storm water system.	√					
1.8 Used Oil Recycling	Facility(ies) provided for the public to dispose of used motor oil in an effort to reduce the amount of petroleum hydrocarbons and other chemicals entering the City's storm water system due to illegal dumping.	√					
1.9 Storm drain stenciling	Notice to community citizens regarding storm water pollution prevention at point of possible entry to storm drain system. Expected reduction in amount of trash and motor oil entering the City's storm sewer system.	√					
1.10 Participation in Regional Storm Water Information Exchange	The City will participate in regional storm water information exchange meetings to enhance their own implementation efforts, and to build upon the lessons learned from other municipalities.	√					

a. BMPs

➤ **i. General summary**

Public Education and Outreach activities for the third permit year have been implemented as originally was planned.

New storm water educational materials were developed in the third permit year to increase awareness of the existing SWMP. For instance, bilingual educational materials continued to be published quarterly in the Soledad Times. Every quarter, the educational articles were modified to attract the audience. Examples of the articles published in the Soledad Times are shown in Appendix A. The brochures created in previous permit year, continues reaching the public by having them available at community events, library and the City Hall counter and Appendix B shows copies of existing brochure. The City web page continues to be updated and evolving as the City's program evolves. The website can be found at: <http://www.cityofsoledad.com/departments/publicwrks/index.cfm>.

➤ **ii. Status of Measurable Goals**

The third year's measurable goals have been achieve with minor modifications that are discussed below.

➤ **iii. Appropriateness**

The minimum control measures implemented during the third permit year were appropriated for the City Storm Water Management Program. The bilingual messages created for the local television channel, the brochures and the quarterly newspaper articles provided the opportunity to reach a larger sector of the City's population.

➤ **iv. Effectiveness**

The goals achieved during the third permit year cannot be adequately measured at this time. Although several forms of communications to reach the public have been created and implemented during the third permit year, it is difficult to measure the effect on the people's behavior without having more data.

➤ **v. Proposed Modifications**

Modifications proposed for the fourth permit year included changes on BMP 1.3, and BMP 1.5.

BMP 1.3

The video broadcast will not be used as educational media for the rest of the permit because the existing media system owned by the City does not have the capacity to program the video and the daily City's announcement. In lieu of this BMP, the educational information will continue to be displayed only in brochures, the local television channel, the City web page, and in the Soledad Times Newspaper.

BMP 1.5

Brochures will continue to be updated by City Staff because no community group has been volunteer to participate in the creation of the brochures.

➤ **b. Results**

Results of information collected and analyzed are included below.

Table 1 provides a summary of the total amount of used oil and used filter unit collected from the Residential areas by Tri-Cities Disposal & Recycling during the third permit year. According to the information collected from Tri-Cities Disposal & Recycling, the company does not collect used oil or used filter units from multi family account, commercial and industrial areas because the grant provided by the County only covered the residential areas

In addition, determining the percentage of the customers that use this service is a difficult task because Tri-Cities Disposal & Recycling does not know the number of vehicles that each resident owns and frequency of the oil change in each vehicle. The area was compared with the previous year data and Graphs 1 and 2 show the relationship between the two years.

Although, the graphs shows a reduction in the amount of used oil and used filter in the third permit year, this reduction cannot be interpreted as reduction in recycling because there are some factors that can contribute with this reduction:

One, the used oil and used filter can be recycled in other facilities. For example, Kragen and Soledad Auto Parts, two local stores, also accept used oil.

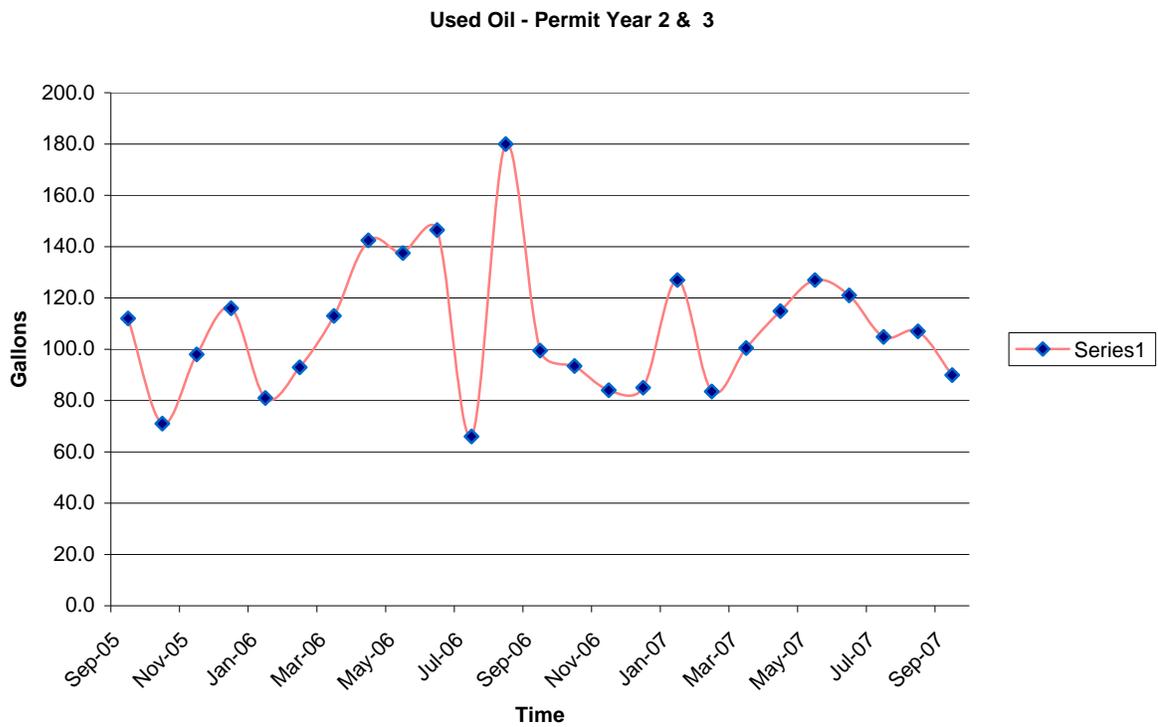
Two, most of the new vehicles suggest changing the oil at 7,500 miles intervals instead of the 3,000 miles that was recommended before.

Three, not all the people do their oil changes at home; some prefer to contract the service of mechanical establishments.

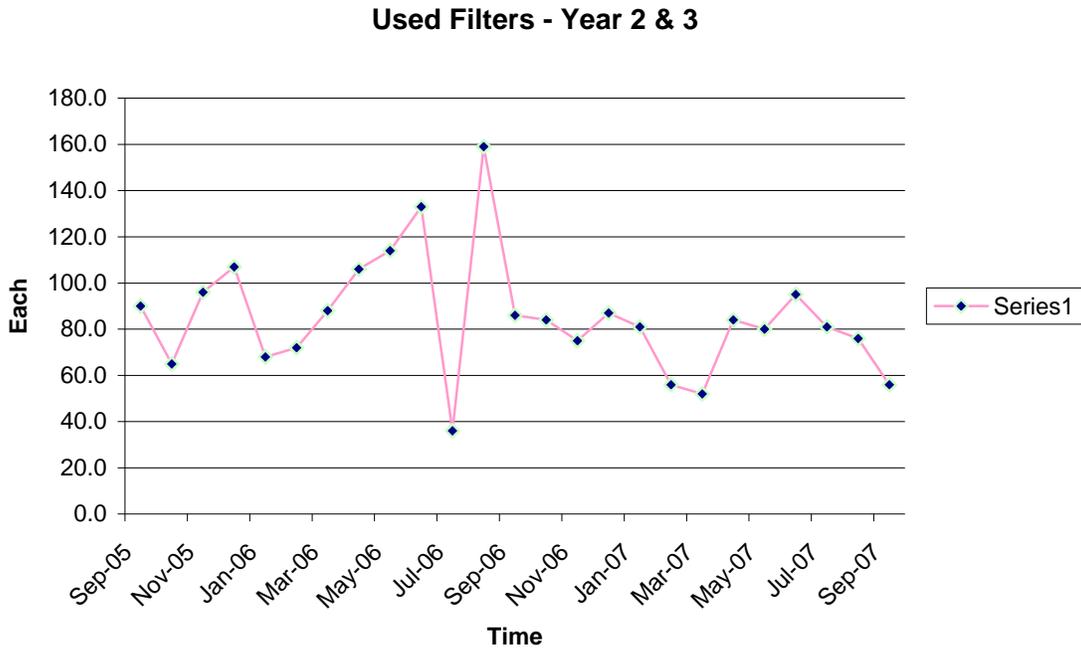
Table 1: Used Oil Volume and Used Filter Collected

Permit Year - 3 Months	Used Oil Gallons	Used Filters Each
Oct-06	93.5	84.0
Nov-06	84.0	75.0
Dec-06	85.0	87.0
Jan-07	127.0	81.0
Feb-07	83.5	56.0
Mar-07	100.5	52.0
Apr-07	114.9	84.0
May-07	127.0	80.0
Jun-07	121.0	95.0
Jul-07	104.8	81.0
Aug-07	107.0	76.0
Sep-07	90.0	56.0

Graph 1: Used Oil – Permit Year 2 and 3



Graph 2: Used Oil – Permit Year 2 and 3



c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

The chart below outlines the City’s next reporting cycle of storm water activities that will be implemented during the third permit year.

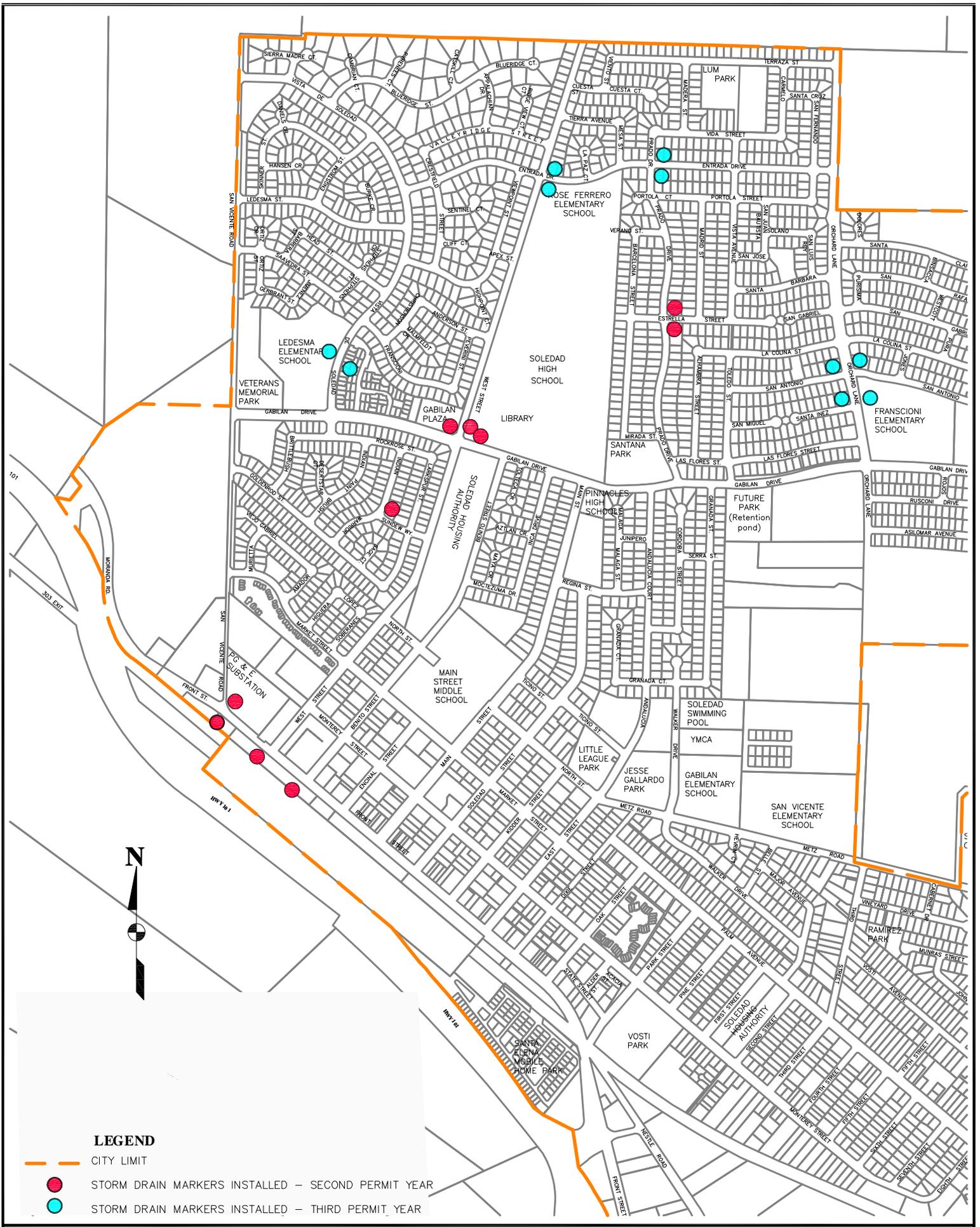
BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
1.1 Utility Billings	Messages distributed quarterly Permit Years 1-5 MG: Run four messages/yr	√		Yes.	For the Fourth Permit Year, this BMP will not be implemented. Existing Utility Billing System only allows 36 characters to be displayed in the utility bill, and this limited space has made impossible for the City staff to display bilingual messages in the bills. Staff will implement this BMP only if the existing billing system is updated and provide enough space to display bilingual messages.
1.2 Web site for storm water information	MG: Current storm water information placed on website, number emails and hotline use documented		√	Yes.	Ongoing throughout permit term.

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
1.3 Media advertisements - Television	Permit Year 1 : Legwork to determine req'ts of broadcasting text ad; develop ads by summer of First Permit Year MG: Ads developed	√		Yes.	The existing equipment does not have the capability to program a video and the regular announcements. Staff was informed that a video can be displayed only if a person manually display the video, remove the video and then continue with the regular announcements. Also, if a video is presented, Staff needs to announce the time, date etc in the local channel and then display the video at the announced time and date. Staff is recommending to eliminate the use of video in this BMP and to continue with the display of written messages in the local channel.
1.4 Media advertisements – Newspaper	Permit Year 1 : Negotiations with Soledad Bee for PSA by Summer of First Permit Year MG: Ad size and running frequency with Soledad Bee determined		√	√	The Soledad Times Newspaper is a free service and Four ads per year will be advertised by using this newspaper.
1.5 Brochures or fact sheets for general public and specific audiences	Permit Year 1 : Coordinate with library and City Hall on material dispensers (contents & display location) by Summer of Permit Year 1 MG: Storm water displays choreographed		√	√	Ongoing throughout permit term . Staff will continue to update and develop new brochures
1.6 Publish use of City Hall phone number for Storm Water Hotline for information and citizen reporting of polluters	Hotline advertised immediately upon development of Storm Water section of the City's website, in Permit Year 1. MG: Hotline voice mailbox set up (See also BMP 3.2)		√	√	Ongoing throughout permit term. Hotline phone number has been advertised in the City web page, the quarterly Soledad Times newspaper and in educational brochures.

CITY OF SOLEDAD THIRD ANNUAL REPORT – WDID# 3 27MS04029

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
1.7 Proper disposal of household hazardous wastes	Locations added to storm water section of City website in Permit Year 1 and updated as-needed if information changes. MG: Min. 2 existing locations for hazardous materials disposal listed on City website		√	√	Ongoing throughout permit term. Locations of disposal places have been advertised in the City web page, the quarterly Soledad Times newspaper and in educational brochures.
1.8 Used Oil Recycling	Permit Year 1: Determine existing efforts of a nearby recycling facility to advertise their facility by Summer of First Permit Year MG: Facility's existing advertising media & frequency determined. Facility advertised on City storm water website		√	√	Ongoing throughout permit term. Locations of disposal places have been advertised in the City web page, the quarterly Soledad Times newspaper and in educational brochures.
1.9 Storm drain stenciling	Permit Year 1: Procurement of stencil(s) to display appropriate message by end of Summer first Permit Year MG: Stencil(s) chosen		√	√	Ongoing throughout permit term. Ten storm drain markers were installed. Figure 1 shows the location of the markers that were installed during the third permit year.
1.10 Participation in Regional Storm Water Information Exchange	The City will participate in a minimum of one regional storm water information exchange meeting per quarter. MG: Attend min. 1 meeting/quarter	√		√	The Salinas River Channel Coalition did not have an annual meeting during this reporting period. No more meetings have been scheduled, but the City staff received continues email regarding the status of any pending issue. If the Coalition has pending issues, more meetings are arranged. Although Staff contacted other associations during this reporting period, the intends to become members of other associations failed. City will continue searching for new associations during the next reporting period. Although there are other associations in the County, the City cannot become member of each one due to geographic location and different concerns that are not affecting the City. In addition, the City receives educational emails from the California Storm water Quality Association (CASQA)



LEGEND

-  CITY LIMIT
-  STORM DRAIN MARKERS INSTALLED - SECOND PERMIT YEAR
-  STORM DRAIN MARKERS INSTALLED - THIRD PERMIT YEAR

**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
LOCATION OF MARKERS INSTALLED - THIRD PERMIT YEAR**

Figure 1
December 2007
PMA



2. Public Involvement and Participation

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
2.1 Educational and volunteer programs for school-age children and community groups	Community participation and education on storm water pollution prevention. Visible, interactive activities for storm system cleanup and protection, encouraging a vested interest in keeping pollution from entering City's storm sewer system.			√			
2.2. Community Feedback	To solicit feedback and participation from the community. Community awareness that the City encourages and expects awareness on a City-wide level. Workshops will be held prior to the start of the rainy season in order to alert citizens to methods of preventing pollutants from entering runoff, and prior to submittal of the annual report in order to incorporate community feedback into the report.			√			

a. BMPs



i. General summary

Although the City continue with the distribution of brochures at public events and publishing quarterly storm water pollution prevention articles that are displayed in the Soledad Times, the City has not coordinated school presentations and was not able to coordinate the first community meeting during the third permit year. However, the City continues publishing the quarterly educational materials at the Soledad Times which is a quarterly newspaper that is produced and financed by both the School District and the City.

Coordination with the school and first community presentation will be fully executed in the fourth permit year.



ii. Status of Measurable Goals

The third permit year's measure goals were not fully completed in this reporting year but are schedule to be completed in the fourth permit year.

➤ **iii. Appropriateness**

The minimum control measure implemented during the third permit year was an appropriate beginning for the Plan.

➤ **iv. Effectiveness**

Although the overall effectiveness of the implemented BMP has not been able to fully evaluate during the third permit year, it has been noticed that reaching volunteers to participate in stenciling the existing catch basins has not been a success. Volunteer participation will be discussed with schools representatives during the next permit year.

➤ **v. Proposed Modifications**

Modification proposed for the fourth permit year includes the following:

- a) The volunteer assistance will continue to be limited to stencil the catch basins. This decision was based on the comments received from the local community leaders that were concerned with the heavy equipment needed to lift the catch basins.
- b) Perform the first community workshop during the fourth permit year.
First community workshop will be offered during the month of January.

b. Results

Results of information collected and analyzed are included below.

Although the quarterly newspapers, the City's official web page and brochures invite people to participate in stenciling the existing catch basins, no volunteers have approached the Staff.

c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

The chart below outlines the City's next reporting cycle of storm water activities that will be implemented during the third permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
2.1 Educational and volunteer programs for school-age children and community groups	Permit Year 2: Contact with community groups to encourage participation by Spring Second Permit Year. MG: List of community groups interested in participating documented.	√		NO	Although the City continues inviting volunteer participation in each educational material created during the permit year, no volunteer has approached the City. Staff is planning to discuss volunteer participation with school representatives in the next reporting permit year.
2.2. Community Feedback	Permit Year 3: Develop community vision workshop agenda and hold first workshop by Fall of Third Permit Year. MG: Hold one workshop/yr, quantity attendees documented.	√		No.	Community workshop will be developed during the Fourth Permit Year.

3. Illicit Discharge Detection and Elimination

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
3.1 Storm drain system map	Inventory of storm drain inlets and infrastructure for better monitoring, maintenance, and cleaning.	√					
3.2 Storm Drain Outfall Inspections	To offer a means by which the City can track outfall conditions and link signs of pollution at the outfall with known or reported illicit discharges upstream of the outfall structure in the storm system.	√					
3.3 Illegal dumping reporting	Public awareness that the City is serious about preventing illegal dumping and discharges by encouraging people to report illicit discharge or dumping activities, and by promptly responding to these reports. An established system of reporting allows the City to a) investigate, b) track, and c) enforce these potential threats to water quality. (See also BMPs 3.4 & 3.5.)	√					
3.4 Illegal dumping documenting and monitoring	Inventory of the frequency, type, and location of illicit discharges to distinguish which pollutants are entering the City's storm drain system, what the possible sources are, and with what frequency the dumping or discharge occurs. Expected decrease in response time after reports are filed.	√					
3.5 Illegal dumping investigations and tracking of "Hot Spots"	Reduction in illicit discharges, especially in areas found to be impacted most severely by pollutants of concern.	√					
3.6 Adopt ordinance, including an enforcement mechanism	Develop Storm Water Ordinance on April 6, 2005 to provide the legal authority for regulating illegal discharge and provide for enforcement activities.	√					

BMP	Description	Status					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
3.7 Sanitary sewer system map	Inventory of sewer infrastructure for proximity information related to storm drainage infrastructure to identify and reduce discharges from any illicit sanitary sewer connections or sewer overflows.	√					
3.8 Watch list for illicit connections	Awareness for City employees of those businesses that may be the source of potential illicit discharges into the storm drain system. Industry awareness that various facilities are subject to random investigations for illicit discharges. Result is reduced sources of non-storm water pollutant loading into the City's system.	√					
3.9 Industrial/business connections	Accountability for undocumented connections to storm drain system. Compliance encouraged. Objective is to identify unknown connections and assess if the connections are to be disconnected or may remain in service (depending upon the composition of the discharge, i.e. storm water or non-storm water). As a result, the City will have a more complete map of points of storm water discharge into the City's system, and/or reduce sources of non-storm water pollutant loading into the City's system.			√ 4th Yr			
3.10 Review and Identification of Non-Storm Water Discharges	Objective is to determine other significant sources of pollutants that enter the storm drain system, and work toward reducing them through public education and other BMPs appropriate for the discharges determined to be significant by the RWQCB Executive Officer.			√ 4th Yr			

a. BMPs

➤ **i. General summary**

New subdivisions started their constructions during the third permit year and the existing storm drain system and the sanitary system have been updated to reflect the new construction. Figures 2 and 3 shows copies of the schematic systems updated with new development.

Continued the annual inspections of the City outfalls, detention and retention basins. Structures were reviewed and no damage was found to structures. Figure 4 and Appendix C show photos of the conditions of the outfalls at the time of the inspection.

Illicit discharges complaints were investigated, responsible parties were identified and corrective actions were taken by implementing the storm water ordinance during the third permit year. The Storm Water Hot Line was used two times by the residents two report an illicit discharge. Figure 5 shows the location of the incident.

One sewer overflow occurred in the third permit year (December 2006), and modifications to the system have been done to avoid more incidents at this particular location. The modifications were possible through a CDBG grant that funded the rehabilitation of several sanitary main lines in the oldest section of the City. Figure 6 shows the location of this sewer spill.

The Public Works Department has identified Hot Spot areas that were monitored during this permit year. Figure 7 shows the location of the areas that were identified as Hot Spots.

City identified grouped and profiled potential business of having no-storm water discharges into the City storm system.

➤ **ii. Status of Measurable Goals**

Approximately 80 percent of the third year's measurable goals have been achieved, and the remained BMPs that were not implemented entirety in the third permit year, will be completed and implemented in the fourth permit year.

➤ **iii. Appropriateness**

The creation of the ordinance during the first permit year allows the City to address illicit discharges during the rest of the permit. The storm water ordinance allows the City to enforce illicit discharge laws when illicit discharges were reported during the third permit year.

The continue modification of the storm drain system map allows the City to find and to locate illicit discharges when they occur or are reported.

➤ **iv. Effectiveness**

Continuing updating the storm drain map will assist the City in tracking down polluters and identifying areas where illicit sanitary sewer connections may exist. The inspections of the outfalls allow the City to detect what areas of the City are affected by polluters and would required more inspection. Monitoring illegal dumping reports by using the updated City’s storm drain system map allows the City to locate “hot spots” or problematic areas.

➤ **v. Proposed Modifications**

Modifications proposed for the fourth permit year included changes on BMP 3.9 and BMP 3.10.

BMP 3.9

Letters distribution to business was delayed until the fourth year in order to facilitate the preparation of a Water Cross Connection Program that will require field survey at all business facilities. Letters will be distributing at the same time that the business will be surveyed as part of the water cross connection program.

BMP 3.10

Plan development to review the 17 specific no-storm water discharges was not concluded in the third permit year. Plan development and implementation of the plan will be accomplished in the fourth year.

b. Results

Results of information collected and analyzed are included below.

The new sanitary sewer system’s electronic AutoCAD drawings for Bella Terra, the new subdivision that started this permit year, were obtained and added to the existing storm and sanitary sewer AutoCAD drawings and has been incorporated to the Geographic Information System (GIS) existing sewer system map.

One illegal discharge was documented during the third permit year. Inspections were conducted to the reported areas and corrective measures were implemented to prevent illegal discharges.

Residents can denounce an illegal discharge by contacting the Storm Water Hotline, during business hours at (831) 223-5186 to report any problem inside the City limits. In addition, residents can also leave messages at the Public Works Main line (831) 223-5170. Every morning the City staff member monitors the hotline.

Each outfall was inspected during the third permit year, and Table 2 list the outfalls that were inspected, Figure 4 illustrates the location of the outfalls, Appendix C shows the photos taken during the inspection that illustrate the conditions of the outfalls.

Table2: Outfalls inspected during the Third Permit Year

Outfall Number	Outfall Name/Location	Basin Type	Inspection Date
1	Basin pond along Gabilan Street/Toledo St	Retention	9/6/2007
2	Santana Park along Prado and Gabilan Street	Detention	9/6/2007
3	Veterans Memorial Park at Gabilan Street/San Vicente	Detention	9/6/2007
4	Basin pond at Front Street/West Street	Retention	9/6/2007
5	City Treatment Plant Area – headwork		9/6/2007
6	Nestles Road Outfall – Front & Nestles		9/6/2007
7	Basin pond at Market Street/San Vicente	Detention	9/6/2007



N.T.S.



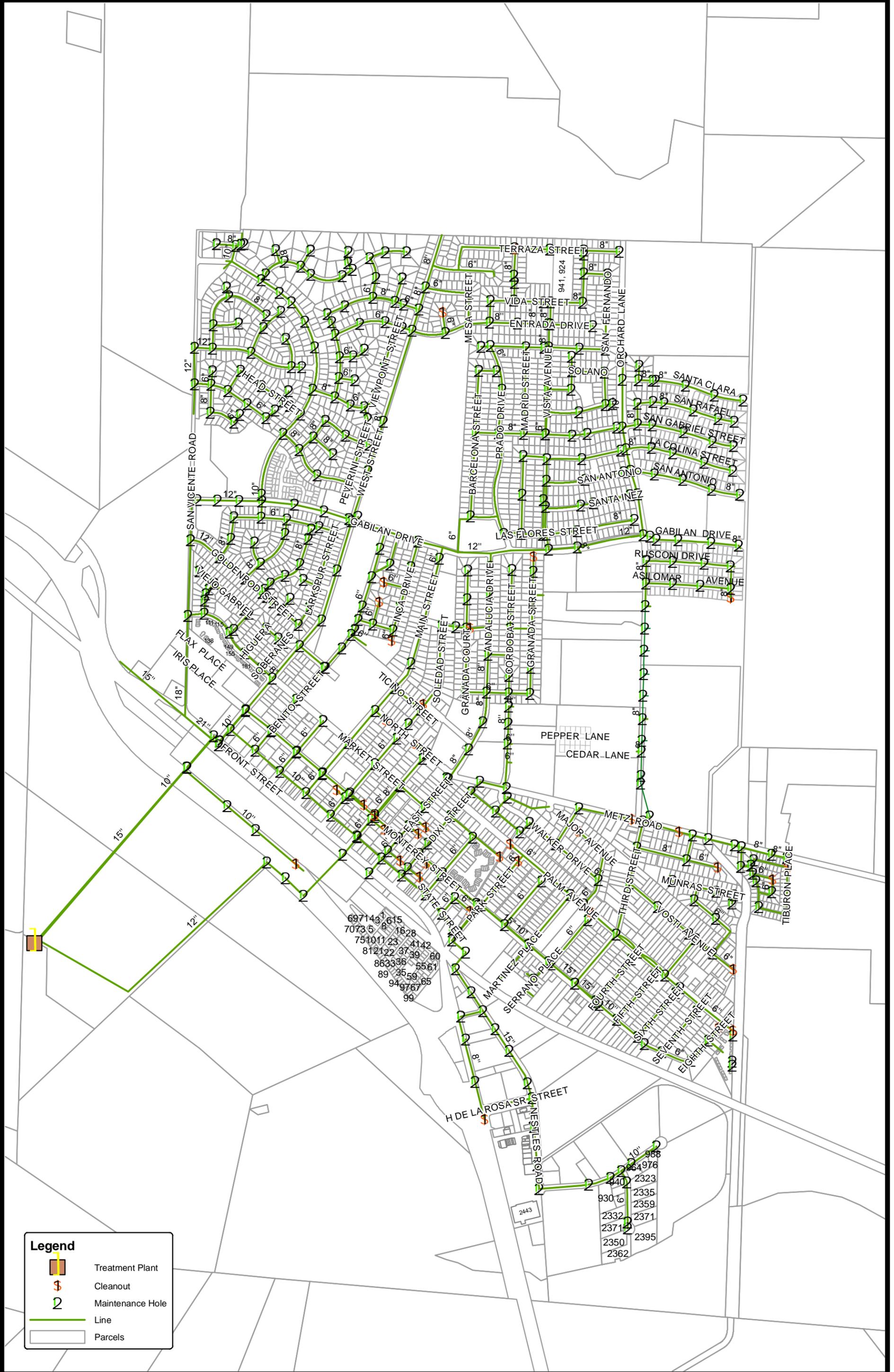
LEGEND

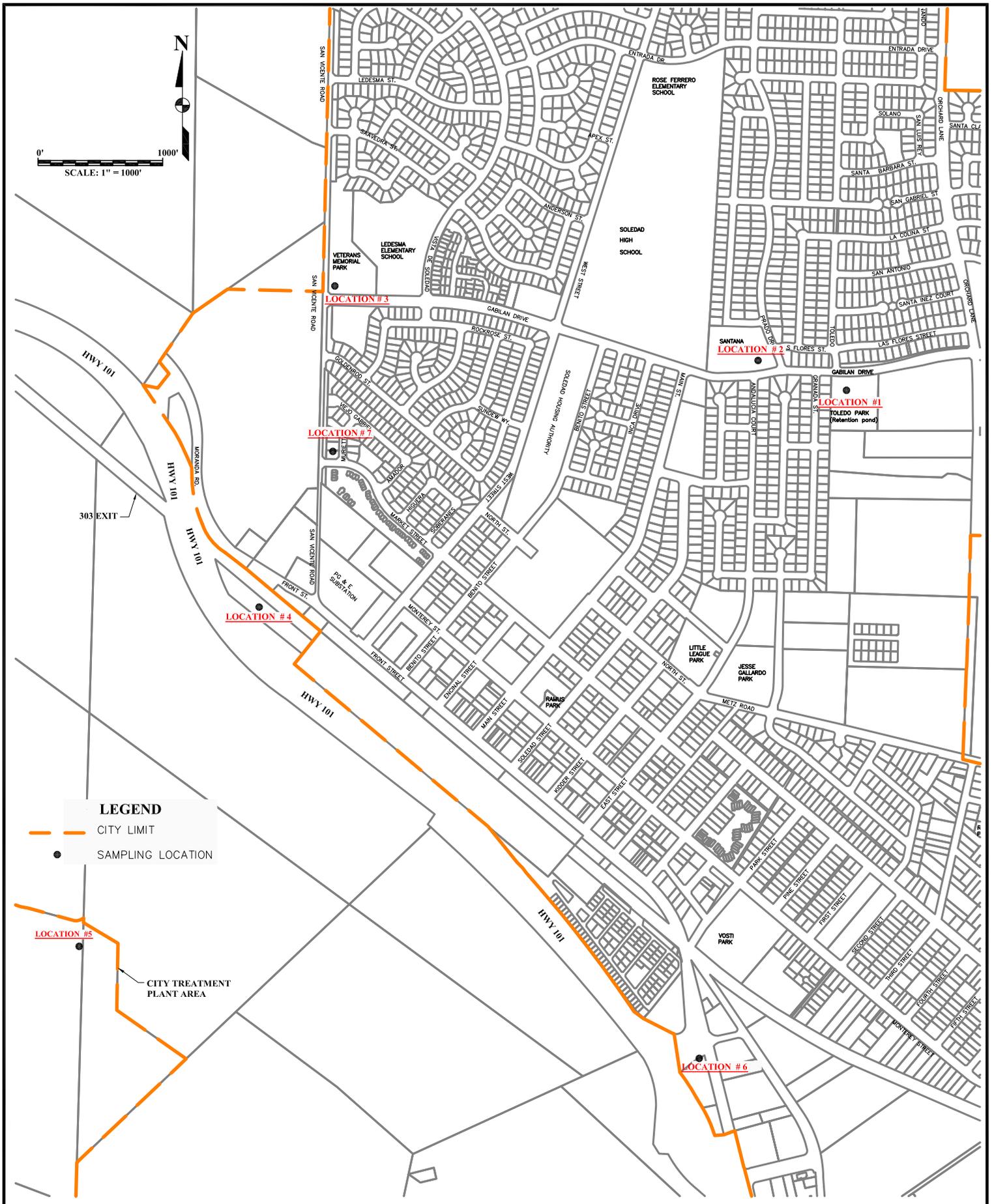
-  CITY LIMIT
-  STORM DRAINAGE SYSTEM - THIRD PERMIT YEAR



**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
EXISTING STORM DRAINAGE SYSTEM - THIRD PERMIT YEAR**

Figure 2
December 2007
PMA





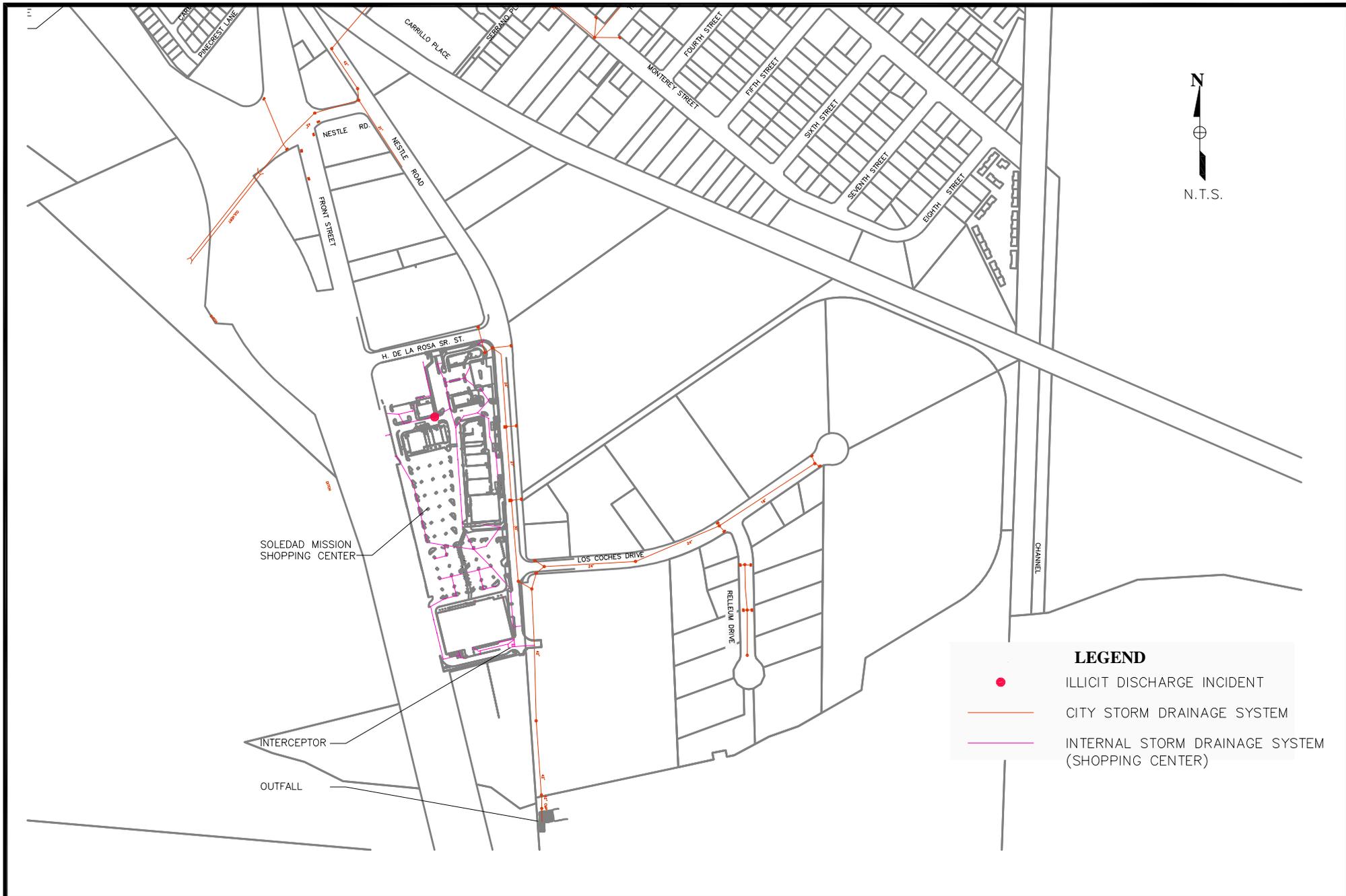
LEGEND

- CITY LIMIT
- SAMPLING LOCATION

**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
STORM WATER RUNOFF SAMPLING LOCATION -THIRD
YEAR PERMIT**

Figure 4
December 2007
PMA

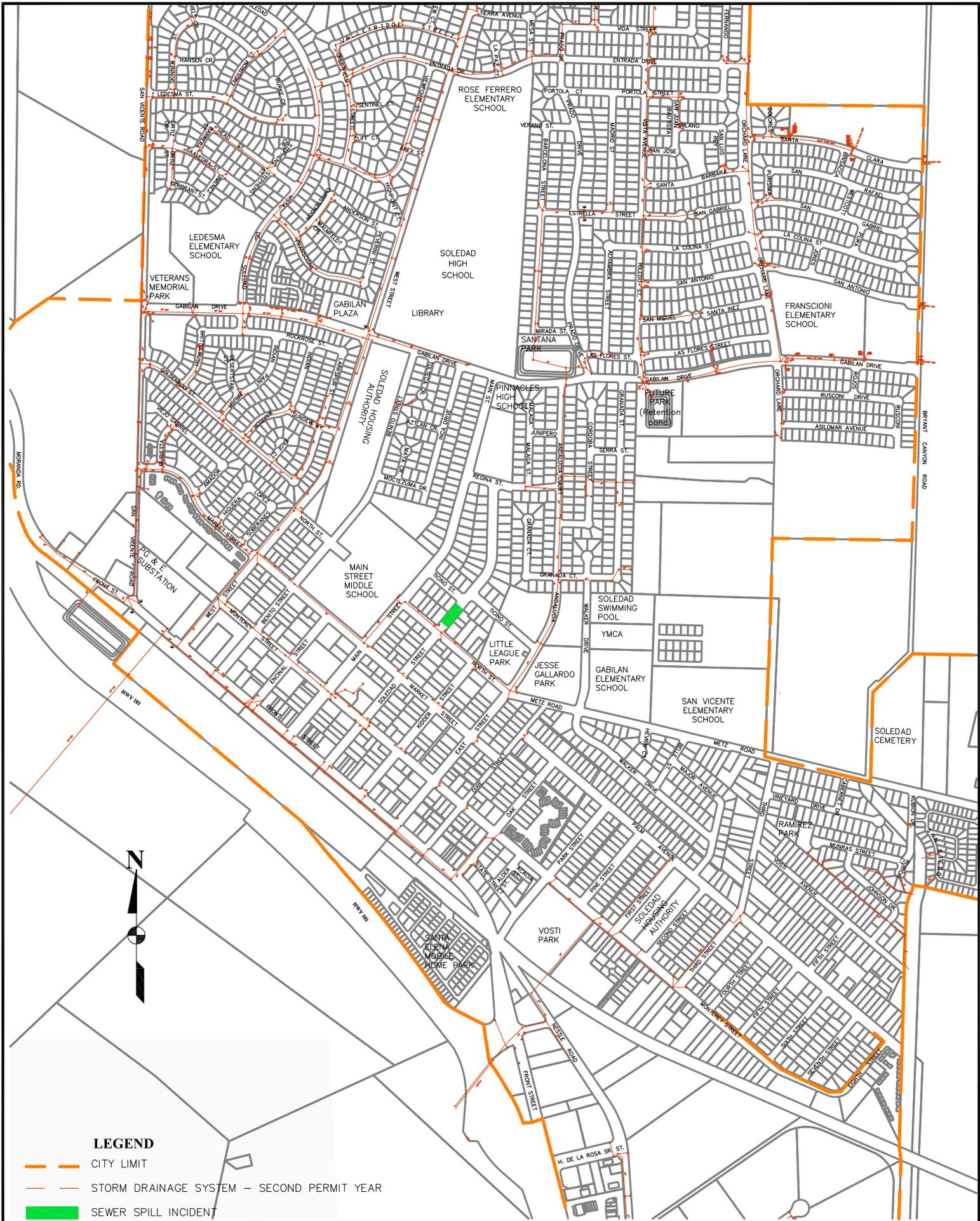




**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
AREA ANNEXED DURING THE THIRD PERMIT YEAR**

Figure 5

December 2007
PMA



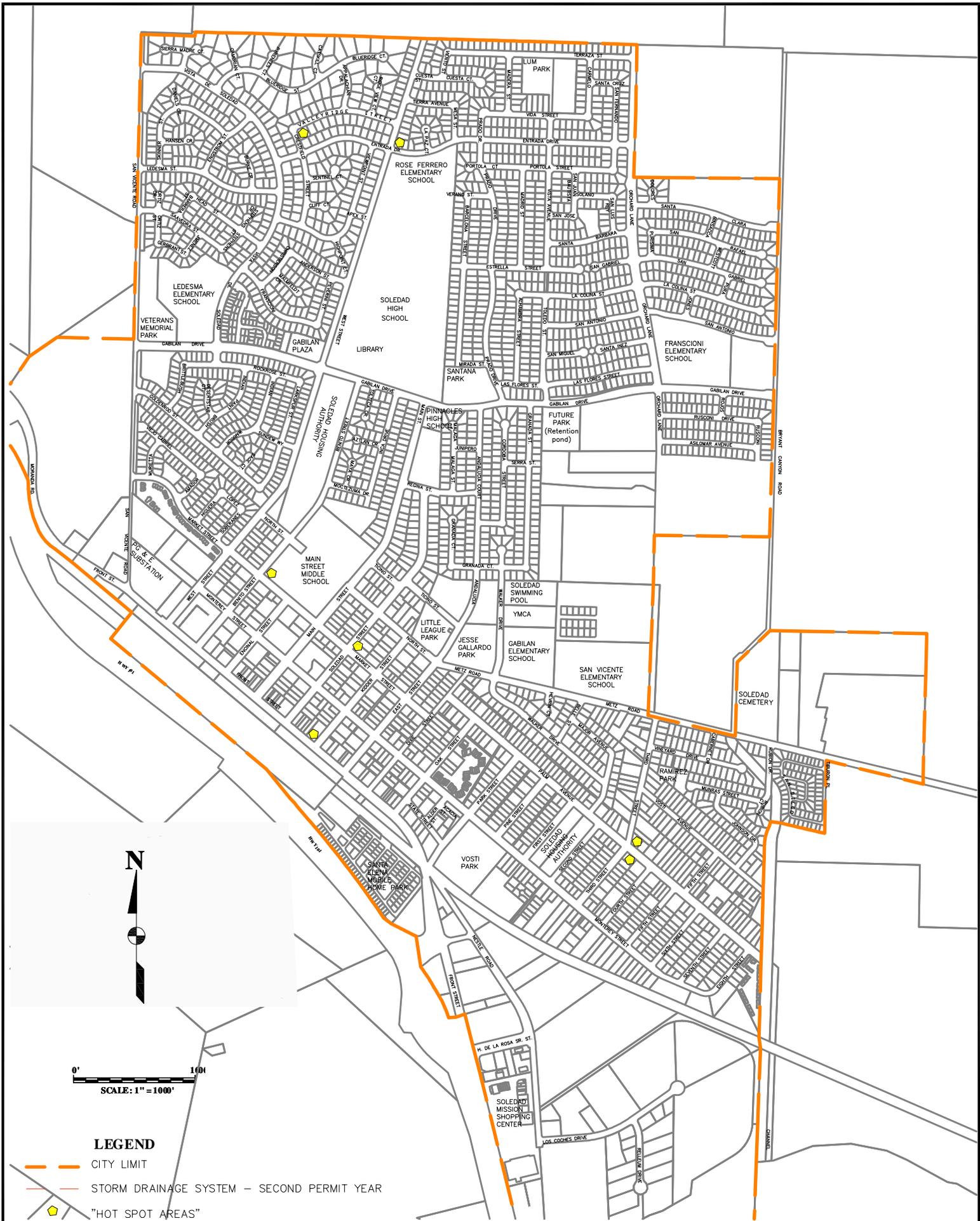
LEGEND

- CITY LIMIT
- STORM DRAINAGE SYSTEM – SECOND PERMIT YEAR
- SEWER SPILL INCIDENT

**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
EXISTING STORM DRAINAGE SYSTEM - THIRD PERMIT YEAR**

Figure 6
December 2007
PMA





0' 1000'
SCALE: 1" = 1000'

LEGEND

- CITY LIMIT
- - - STORM DRAINAGE SYSTEM - SECOND PERMIT YEAR
- ▮ "HOT SPOT AREAS"

**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
EXISTING "HOT SPOT AREAS" - THIRD PERMIT YEAR**

Figure 7
December 2007
PMA

c. Summary

Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

The chart below outlines the City’s next reporting cycle of storm water activities that will be implemented during the fourth permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
3.1 Storm drain system map	Permit Year 1: Update storm water map with existing known facilities by Summer First Permit Year MG: Map updated		√	√	Continue to update the existing storm drain system map to show new projects as they are constructed
3.2 Storm Drain Outfall Inspections	Permit Year 1: Establish baseline conditions for all outfall structures MG: 100% outfall structures inspected, logged, and photographed		√	√	Continue to be inspected
3.3 Illegal dumping reporting	Permit Year 1: Hotline for reports of illegal dumping in place and log begun documenting each report MG: Hotline voice mailbox set up, number of calls documented		√	√	Ongoing task Measurable goal: 2 phone calls identifying illicit discharges/dumping.

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
3.4 Illegal dumping documenting and monitoring	Permit Year 2: Numeric & qualitative analysis of all reports documented over the first Permit Year. Development of criteria for consideration of "hot spots." MG: Discharge types documented, number of discharges tracked & cleaned up, documented. "Hot spot" criteria determined.		√	√	Two phone calls were received at Storm Hot line denouncing an illicit discharge. The phone calls denounced an illicit discharge of oil and grease in one catch basin located behind a restaurant located inside a commercial area. Catch basin is located in an internal storm system that goes to a Storm Drain Interceptor and then goes to the City System. Area was inspected, photos were taken and Owner of commercial center was contacted. City staff inspected manholes located outside the center and no residuals of oil and grease was found. Owner reported to the City that system was inspected and corrective measures were taken to prevent illicit discharge. Example, of measures taken by owner was to contact their tenants (restaurant) located near catch basin regarding the illicit discharge complaint and inform them about the Storm Water Management Plan and consequences of illicit discharges.
3.5 Illegal dumping investigations and tracking of "Hot Spots"	Permit Year 2: Initiate formal investigations & tracking for "hot-spots" by Oct. of Second Permit Year MG: Number investigations/hot spot established, tracking records developed		√	√	
3.6 Adopt ordinance, including an enforcement mechanism	Complete ordinance by Dec. of First Permit Year. MG: Ordinance adopted		√	Adopted on April 6, 2005	
3.7 Sanitary sewer system map	Permit Year 1: Update sewer map with existing known facilities by Summer First Permit Year MG: Map updated		√	√	Ongoing task.
3.8 Watch list for illicit connections	Permit Year 3: All City businesses to be grouped and profiled for potential of having non-stormwater discharges into the City storm sewer system. MG: 100% businesses profiled and "watch list" created.		√	√	Watch List was created, see Appendix D.

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
3.9 Industrial/business connections	Permit Year 3: Letter mailed out to all businesses by Oct of Third Permit Year MG: Letter sent to 100% businesses.	√		No.	Implementation will start during the fourth year of the permit
3.10 Review and Identification of Non-Storm Water Discharges	Permit Year 3: Plan developed MG: Breakdown of planned evaluation technique for each discharge developed.	√		No.	Implementation will start during the fourth year of the permit

4. Construction Site Storm Water Control

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
4.1 Regulatory mechanism for controlling polluted runoff from construction sites.	To enforce compliance in developing and implementing erosion and sediment controls from construction site storm water runoff.	√					
4.2 Construction site BMPs for controlling erosion & sediment at site	To ensure effective and appropriate use of available erosion and sediment control measures on an individual construction site basis.	√					
4.3 SWPPP Requirements and Guidelines	Formalized legal responsibility and accountability for effectively reducing sediment, erosion, and on-site chemical runoff associated with construction operations.	√					
4.4 Tracking of sites >1 acre with associated erosion & sediment control measures	Tracking mechanism for ensuring 100% of all sites are accounted for in implementing the associated BMPs as described and approved in their SWPPP.	√					
4.5 Inspections for sediment & erosion control	All construction sites ≥1 acre inspected, prioritized, and tracked by the City. Prioritization will give more attention to those sites that may have the greatest impact to compromising water quality to ensure the Contractor is held accountable for the BMPs that require implementation during construction.	√					
4.6 Penalties for non-compliance with runoff control measures	All construction sites ≥1 acre tracked and, when necessary, penalized for non-compliance. Provides incentives to Contractor for proper implementation of construction site BMPs, thereby reducing sediment and construction waste chemicals that would otherwise enter the City's storm drain system from these sites.	√					

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
4.7 Procedures for receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities	Information source and reporting on construction site runoff control measures available to public.	√					

a. BMPs



i. General summary

During the third permit year, the City continued implementing the Storm Water Quality Ordinance and enforced its use during all phases of construction. The new 2007 Design Standards and Standard Specifications continued requiring in their Improvement Plan Check List, Part V copies of Storm Water Pollution Prevention Plan (SWPPP) and Notice of Intent (NOI) to Contractors/Developers for all projects greater than one acre.

A model SWPPP has been prepared to demonstrate to developers and contractors what information is required when the construction projects are greater than one acre. Every single project is reviewed by both the Community Development Department and the Public Works Department to determine if one acre of land is disturbed in each project. The following steps are required and enforced in each project than is greater than one acre:

- No construction permit is issued before the SWPPP is approved.
- Routine inspections are conducted on construction sites having open permits. Enforcement per the ordinance is executed where required.
- Documentation and tracking of problem sites is performed.
- A priority inspection system has been developed depending upon each site's stage of construction, proximity to Salinas River, previous contractor's performance, repeated neglect of storm water protection systems, etc.

During the third permit year, Bella Terra, Orchard States and Benito Housing Authority Project were the only subdivisions projects greater than one acre. The City has enforced all the necessary procedures to prevent pollution from sediments from those three projects. Figure 8 displays the location of the three construction projects that were greater than one during the Third Permit Year.

Inspections were conducted to the construction areas, and one warning letters was sent to one of the construction company. Corrective measures were implemented at the construction site, and the Public Works Department inspected modifications.

➤ **ii. Status of Measurable Goals**

100% of the first year's measurable goals have been achieved.

➤ **iii. Appropriateness**

The third permit year's construction site storm water control minimum measures have been appropriate for the permit.

➤ **iv. Effectiveness**

Determining the effectiveness through the third permit year is difficult to ascertain. The rest of the years of the permitting will provide a greater opportunity to measure the construction control measure's effectiveness in reducing the storm water pollution from the construction sites greater than one acre.

➤ **v. Proposed Modifications**

There are no modifications proposed.

b. Results

There is no applicable information to be reported this permit year.

Not applicable this year.

c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

The chart below outlines the City’s next reporting cycle of storm water activities that will be implemented during the fourth permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
4.1 Regulatory mechanism for controlling polluted runoff from construction sites.	Complete ordinance by Dec First Permit Year MG: Ordinance adopted			√	Adopted on April 6, 2005
4.2 Construction site BMPs for controlling erosion & sediment at site	MG: List of acceptable reference materials and resources developed and available to public			√	100% completed. The City Design Standards and Standards Specifications list the requirements that developments/contractor have to provide with new plans. The City Engineer conducted plan checks on a case-by-case basis. Documents used during the plan-check phases are the existing City Storm Water Ordinance, the California Stormwater Quality Association (CSQA) Construction Handbook, and by checking that plans meet the existing City BMPs
4.3 SWPPP Requirements and Guidelines	Permit Year 1: Model SWPPP developed; NOI & SWPPP required upon adoption of ordinance. MG: 100% sites ≥1 acre with SWPPPs			√	100% completed. City Engineer developed model SWPPP based on the existing Storm Ordinance, the existing City BMPs, and the CASQA Construction Handbook’ equipments.
4.4 Tracking of sites >1 acre with associated erosion & sediment control measures	Permit Years 1-5: Log of construction sites developed and maintained by City. MG: 100% all construction sites ≥1 acre logged & tracked		√	100% completed City inspectors record construction sites.	On going practice

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
4.5 Inspections for sediment & erosion control	Permit Year 1: City will develop prioritization criteria and inspection checklist. MG: Prioritization criteria and checklist developed		√	100% completed. Checklist created by City Engineer.	On going practice
4.6 Penalties for non-compliance with runoff control measures	Permit Year 1: Enforcement procedures and tracking to be developed. MG: Enforcement & tracking procedures detailed in writing		√	100% completed City Inspectors enforce Ordinance.	On going practice
4.7 Procedures for receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities	Permit Year 3-5: Website to include information related to construction site runoff control requirements and reporting by Sept. of Third Permit Year. MG: Information on construction site storm water runoff added to website, number of reports called in documented, follow-up on 100% of reports achieved		√	Yes	On going practice

5. Post-Construction Storm Water Management

If your community is subject to Attachment 4 (Supplemental Provisions) of the General Permit, note your compliance with and progress implementing the Design Standards in this section, if applicable.

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
5.1 Site design requirements for new development and redevelopment	<p>Limiting the amount of impervious surfaces for new developments reduces the amount of storm water runoff into the City's storm sewer system, thus reducing the amount of sediment and vehicle-generated pollutants entering the system.</p> <p>Requirements for developers to stencil any new catch basins upon construction will reduce the amount of trash and motor oil that would otherwise enter the City's storm sewer system.</p>	√					
5.2 Storage or detention BMPs controlling storm water	Ensuring flows from newly developed or redeveloped areas will be detained before entering storm drainage system to reduce sediment loading into the Salinas River.	√					
5.3 Post-Construction storm water runoff strategies and design standards	Storm water runoff strategies are site-specific, and require analysis on a case-by-case basis. The City defaults to the existing, State-accepted BMPs published in various reference materials to ensure that, as the State requirements for controls are updated, so too are the City's requirements.	√					
5.4 Adopt ordinance, including an enforcement mechanism	To require compliance with implementation of site development controls (as established by the City and outlined in Attachment 4) that prevent or minimize water quality impacts.	√					

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
5.5 Long-term operations and maintenance of BMPs	Procedures in place for staff to conduct inspections and for compliance to be measured and tracked both for implementation of controls and operations and maintenance of those controls. Implementation of this BMP will effectively minimize, and in some cases prevent, erosion and sediment loading into the City's storm sewer system.	√					

a. BMPs



i. General summary

The City of Soledad is subject to Attachment 4 (Supplemental Provisions) of the General Permit. All new development or redevelopment in the City must divert at least 75 percent of the storm water runoff generated by new construction to a detention basin. Currently, one hundred percent of the storm water runoff generated by new constructions is conveyed to detention basins. The existing City Zoning ordinance and the new Storm Water Quality Ordinance have provided the City the necessary tools to require storm water management facilities and long-term maintenance in new developments. These requirements help to capture and convey storm water as appropriate for protecting receiving waters from the impacts of new developments, and are consistent with the categorical design requirements of Attachment 4.

The new 2007 Design Standards and Standard Specifications adopted in September 2007 included storm drain stenciling as a site design requirement in new projects. A copy of the standard design for Drain Markers can be found in Appendix E and is Standard Plan Number 21A.



ii. Status of Measurable Goals

100% of the first year's measurable goals have been achieved.



iii. Appropriateness

Having the post-construction BMPs and the Storm Water Ordinance in place during the first permit year has assisted the City to applied them to each new project during the third permit year reduce storm water pollution to the maximum extent and helped to apply to each new project that was approved.

➤ **iv. Effectiveness**

Performing construction inspections assures that each BMPs will be installed and maintained during the entire project.

➤ **v. Proposed Modifications**

There are no modifications proposed.

b. Results

There is no applicable information to be reported this permit year.

No results are reported during this permit year.

c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

The chart below outlines the City's next reporting cycle of storm water activities that will be implemented during the fourth permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
5.1 Site design requirements for new development and redevelopment	Permit Years 2-5: Incorporate storm drain stenciling as a site design requirement beginning Second Permit Year. MG: 100% of new- and re-development sites to have stenciled drainage inlets prior to receiving Notice of Termination		√	Yes	The 2007 City Design Standards added this new requirement for new developments.
5.2 Storage or detention BMPs controlling storm water	MG: 100% of all new- or redevelopment sites will divert min. 75% storm water runoff into detention basin.		√	100% completed	On going practice

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
5.3 Post-Construction storm water runoff strategies and design standards	The City will require developers and planning and development plan review staff to adhere to the requirements of Attachment 4 of the General Permit, beginning in the Second Permit Year. MG: 100% of new- and re-development "priority project" sites will comply with Attachment 4 design standards, and 100% of all other new- and re-development sites will implement City-approved post-construction BMPs		√	Yes	On going practice
5.4 Adopt ordinance, including an enforcement mechanism	Complete ordinance by Dec. of First Permit Year MG: Ordinance adopted		√	Adopted on April 6, 2005	
5.5 Long-term operations and maintenance of BMPs	Inspection procedures, database, and log sheet to be developed by end of First Permit Year. Requirements for reporting by developers, homeowners associations, and City maintenance staff to be finalized also by end First Permit Year. MG: Procedures and log developed, reporting requirements developed		√	100% completed	On going practice

6. Pollution Prevention and Good Housekeeping for Municipal Operations

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
6.1 Street sweeping	Preventing specific pollutants of concern* from entering storm water system *See also BMP 6.11	√					
6.2 Routine cleaning of drainage inlets	Prevent loading of specific pollutants of concern* before leaving the City limits. *See also BMP 6.11	√					
6.3 Guidelines for cleaning of vehicle parts	Established record-keeping of waste basin-unit use	√					
6.4 Used oil disposal	Established record-keeping for used-oil pick up	√					
<u>6.5 Hazardous materials storage</u>	Proper hazardous materials storage	√					
6.6 Hazardous materials training for City employees	Training for liability mitigation and education on ways to reduce the use of hazardous materials in City maintenance activities (for example, other products that may be used to reduce pesticides used for City parks).	√					
6.7 Employee training on storm water management and BMPs	Up-to-date information on storm water management and BMPs. Training for liability mitigation and protection of City's infrastructure system.	√					
6.8 Spill response	Immediate action to contain and cleanup spills	√					

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
6.9 Record keeping of spills, leaks, and other discharges at a facility	Tracking of spills, leaks, and other discharges by facility	√					
6.10 Staff Survey	Measure of SWMP effectiveness under current regulations. Objective is to determine known sources of pollution and/or especially problematic/pervasive areas or activities contributing to pollution in storm water, and work toward reducing these sources and activities.			√			
6.11 Annual Testing for Pollutants of Concern	Objective is to effectively measure what pollutants are found in distinct areas of the City to better determine what activities may be employed to reduce those specific pollutants from entering the storm drain system in the future.			√			

a. BMPs

➤ **i. General summary**

During the third permit year, the Public Works Department continued performing their regular activities: street sweeping, cleaning of drainage of inlets, proper hazardous waste disposal. During the third permit year, the Public Works Department continued its training on storm water management and BMPs. Videos and workshops were used as a form of training during the third permit year.

The first joint Hazardous material training classes were arranged and conducted at the end of the second permit year for the Public Works Department, the Police Department and the Fire Department. The Course Title was First Responder Operation, and the courses were offered on August 22 and 29 and on September 12, 2006. The joining hazardous material training classes will continue to be arranged in the next permit year.

The City of Soledad continues maintaining the implementation of pollution prevention and good housekeeping in its daily operations.

Although the survey was not administered to Public Works Department Staff in the third permit year, staff has discussed regulations and ways to prevent pollution while they have watch educational videos. The survey will be conducted this permit year and findings will be incorporate immediately. A draft copy of the survey that will be delivered to the entire staff of the Public Works Department is shown in Appendix F.

➤ **ii. Status of Measurable Goals**

90% of the first year's measurable goals have been achieved.

➤ **iii. Appropriateness**

The current control measures implemented in the City's daily operations appear appropriate in reducing potential storm water pollution. Next year, the appropriateness of the implemented BMPs will be able to be measured when surveys are distributed among the City staff to determine their own opinions on the current BMPs, and how they could be improved.

➤ **iv. Effectiveness**

The third permit year of the implementation of the BMPs does not have enough measurable elements to quantify its effectiveness. In the followings years, procedures will be in place to better quantify the effectiveness of the BMPs used.

➤ **v. Proposed Modifications**

Two modifications are proposed at this time for BMP 6.6, and 6.10.

Modification to BMP 6.6 includes limit the hazardous training to First Responder Operation training courses only and to eliminate the requirement of three members from each department have more flexibility in the attendance of three persons per department because there are different kinds of hazardous training courses that not all the staff need to attend because those requirements are beyond their job description duties. For example, if a hazardous spill is discharged, Public Works and Police Department do not have the same skills that a Fire Office has to control the situation. The same thing happens if a sewer spill happens, a Wastewater Operator has the training to contain and to fixed this kind of spills but a Police Officer or Fire Fighter do not have.

b. Results

Results of information collected and analyzed are included below.

All of the streets within the City limits were swept during the third permit year, and Figure 9 and 10 illustrate the weekly schedule for the street sweeping. The volume collected of street debris is approximately 25 yd³ per week, and approximately 1,200 yd³ of debris is collected per year.

Catch basins are cleaned using a vacuum and the annual cleaning is conducted in the months of August and September. One hundred percent of the catch basins were inspected and only 60 percent needed to be cleaned. Approximately 30 yd³ per year of waste was removed from the storm drain system within the City boundaries during the annual cleaning.

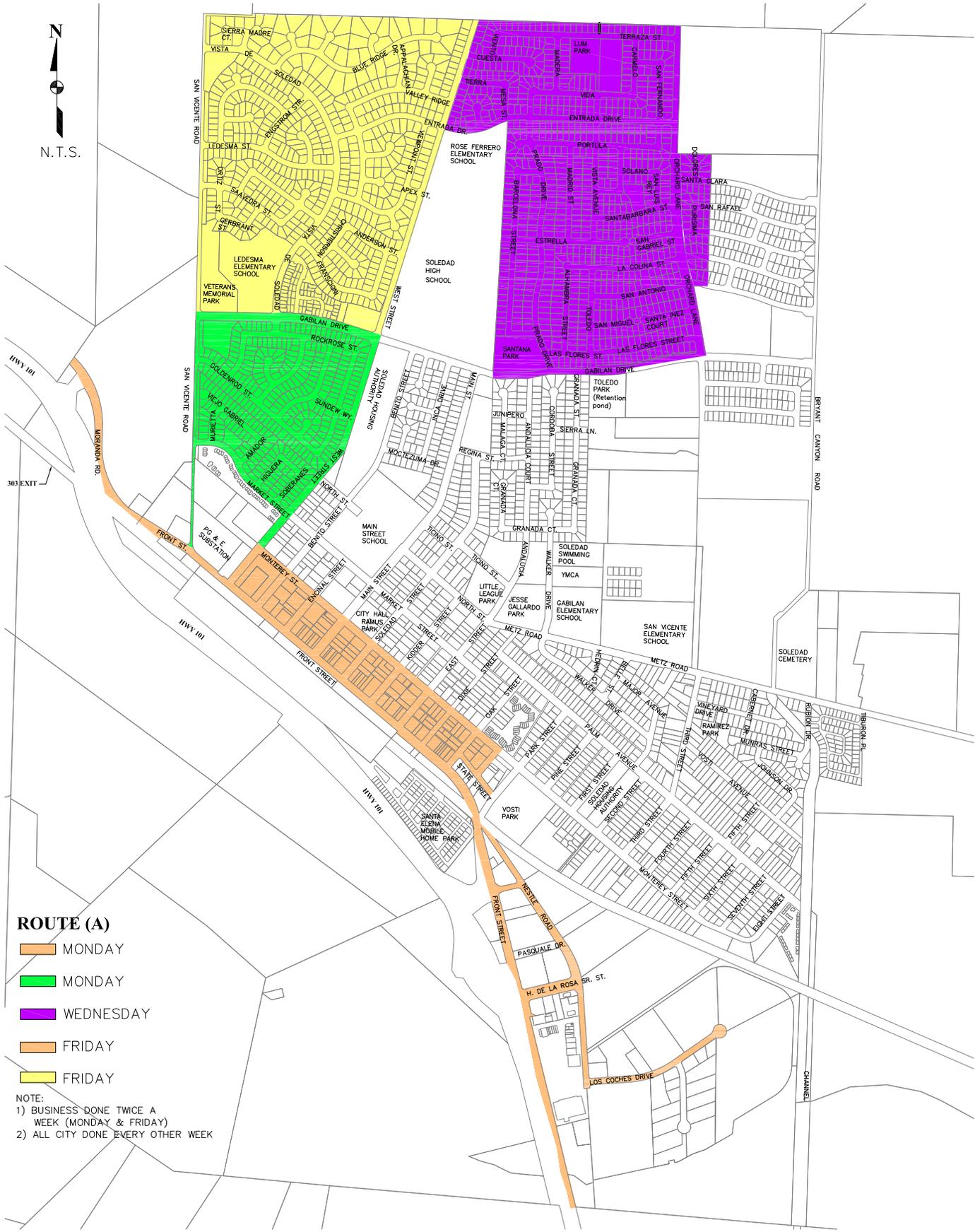
Employee training on storm water management and BMPs has continued, and Staff attended a County workshop and a workshop sponsored by the City of Gilroy and the State Water Resource.

The City developed and coordinated an annual hazardous material training program for the Police, Fire and Public Works Departments, and the first joint hazardous material training class was offered in the month of August and September 2006 as a part of the Second and Third permit years.

City of Soledad did not collect samples from the seven existing outfalls or detention basins during the third permit year because at the time of collection there was no sufficient rainfall to be able to collect any samples. Outfalls and detention basins are monitored regularly, and no improvements are needed to the structures. Appendix C shows photograph of the seven locations at the time of the inspection conducted at the beginning of September.



N.T.S.



ROUTE (A)

ORANGE MONDAY

GREEN MONDAY

PURPLE WEDNESDAY

LIGHT ORANGE FRIDAY

YELLOW FRIDAY

NOTE:
 1) BUSINESS DONE TWICE A WEEK (MONDAY & FRIDAY)
 2) ALL CITY DONE EVERY OTHER WEEK

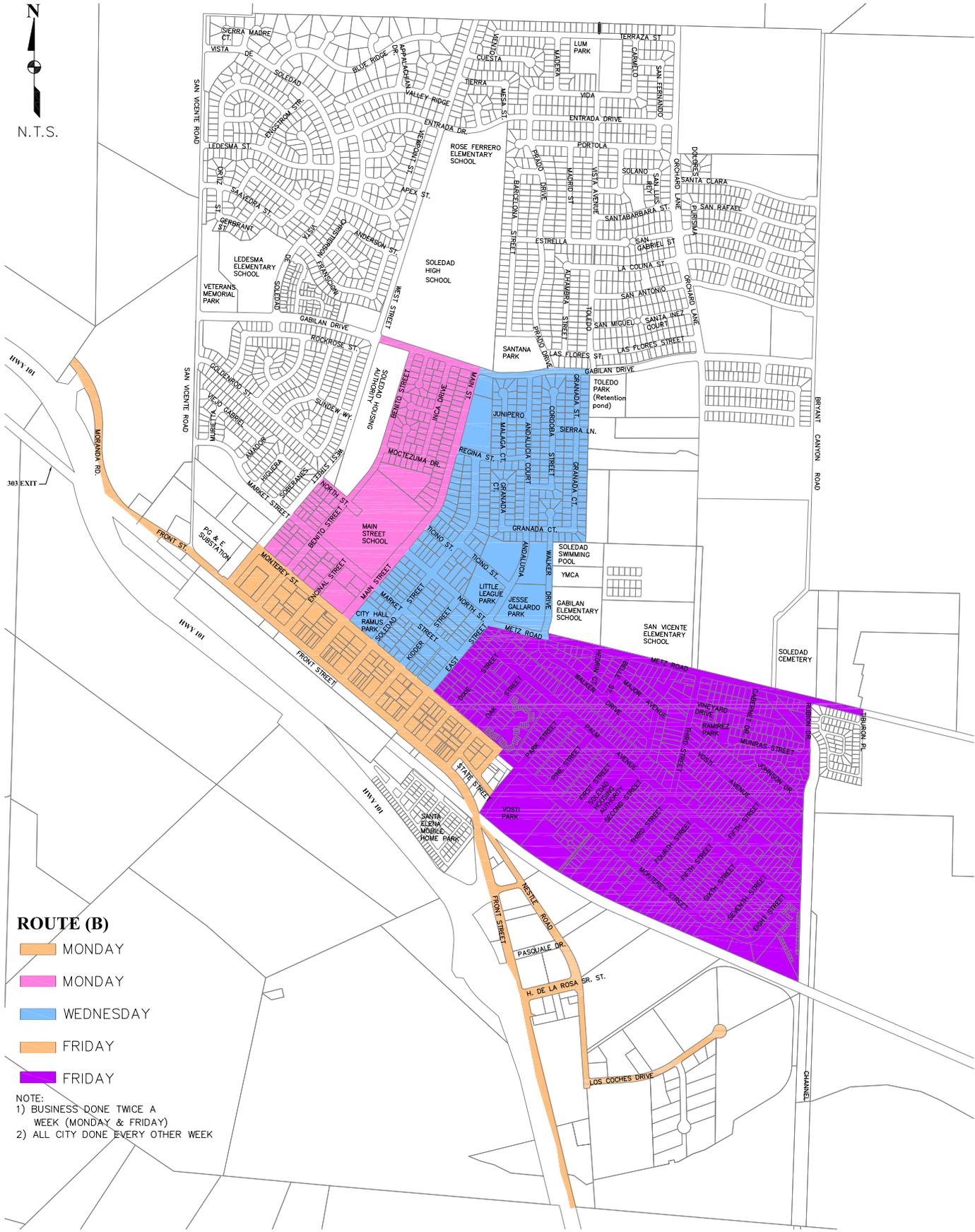


**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
 SWEEPER ROUTE - 2006**

Figure 9
 October 2007
 PMA



N.T.S.



ROUTE (B)

- MONDAY
- MONDAY
- WEDNESDAY
- FRIDAY
- FRIDAY

NOTE:
 1) BUSINESS DONE TWICE A WEEK (MONDAY & FRIDAY)
 2) ALL CITY DONE EVERY OTHER WEEK



**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
 SWEEPER ROUTE - THIRD PERMIT YEAR (SWMP)**

Figure 10
 December 2007
 PMA

c. Summary

Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

The following chart outlines the City’s activities that will be implemented within the Pollution Prevention Housekeeping for Municipal Operations.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
6.1 Street sweeping	MG: Schedule prepared, volume of removed materials documented		√	100% completed	On going practice
6.2 Routine cleaning of drainage inlets	Permit Year 1: City will have a log of each inlet in storm drainage system with cleaning tallies beginning Fall of First Permit Year MG: 100% inlets logged		√	100% completed	On going practice
6.3 Guidelines for cleaning of vehicle parts	Permit Year 1: City will develop log by Summer First Permit Year. MG: Log developed		√	100% completed	On going practice
6.4 Used oil disposal	Permit Year 1: City will develop log by Summer First Permit Year MG: Log developed		√	100% completed	On going practice
<u>6.5 Hazardous materials storage</u>	MG: 100% hazardous materials stored in proper facility and per proper guidelines		√	100% completed.	On going practice
6.6 Hazardous materials training for City employees	Permit Years 1-5: City will have sign-up sheet for staff at each PW safety training by Winter of First Permit Year MG: 75% PW Staff attending min. 12 Haz mat trainings/yr		√	100% completed. The Public Works Department, the Police Department and Fire Department had their first joint Haz mat training class during the summer of the second permit year.	On going practice
6.7 Employee training on storm water management and BMPs	Permit Year 2: First training session held at PW staff meeting addressing new information taught to Inspector by Summer Second Permit Year MG: Training session held; 50% PW staff in attendance for training session.		√	100% completed	On going practice
6.8 Spill response	MG: 100% spills responded to		√	100% completed	On going practice

CITY OF SOLEDAD THIRD ANNUAL REPORT – WDID# 3 27MS04029

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
6.9 Record keeping of spills, leaks, and other discharges at a facility	MG: 100% occurrences documented		√	100% completed. The City currently logs the invoices of the companies that perform the cleanup. More formalized documentation is being developed.	On going practice
<u>6.10 Staff Survey</u>	Questionnaire will be distributed by June 30 and collected by July 15 (each year) beginning in Third Permit Year. SWMP reporting to RWQCB in September each year will incorporate findings. MG: 75% of City PW staff to provide feedback; plan to address feedback developed and incorporated into the SWMP.	√		No.	Implementation will start during the fourth year of the permit
6.11 Annual Testing for Pollutants of Concern	Testing to begin in First Permit Year MG: Volume pollutants prevented from leaving City limits calculated; reduction in pollutant levels present in samples determined, plans for applying data to SWMP activities developed.		√	Although no samples were collected during the third permit year because not enough runoff was available at the time of collection, City has continued sending Staff to grab samples at the seven outfalls and detention ponds after a heavy rain is present.	On going practice

Section 4. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Clifton W. Price

Dec. 12, 2007

Signature of Permittee (legally responsible person)

Date Signed

Clifton W. Price

Clifton W. Price

Public Works Director

Edward N. Vaughn

Edward N. Vaughn,

Utility Supervisor & Storm Water Coordinator

APPENDIX A

Soledad Times Articles – Examples (English & Spanish)

Article I (English)

Help the City of Soledad and the environment by Preventing Storm Water Pollution!

Storm water runoff is water that flows over land surfaces and through the storm drain collection system. When areas are vegetated such as the fields, landscaped areas and forest, rainwater seeps slowly into the ground and the runoff is limited. However, when rainfall on paved concrete areas and other impervious surfaces, the rain water runs off quickly and it is transported by the storm drainage system to the outfalls. The final destiny (final outfall) of the storm water runoff for our City is the Salinas River.

Storm water is not treated and all the pollutants from our streets, landscape areas, driveway and other impervious surfaces could end up in the river. Some of the pollutants that the storm water may carry directly to the river comes from pet waste, trash, dirt, oil and grease from leaking engines, fertilizers, pesticides, soapy water from washing our cars in the driveway and in parking lots. Salinas River's aquatic life would be affected by the decay of the pollutants that could be carried by the storm water.

You can prevent pollution by doing some of the following household and automobile by activities:

-  Direct runoff from gutters and other sources onto grass and gravel to slow the velocity of water and to naturally filter the water.
-  Increase the amount of permeable surfaces around your home. For example, use wooden decking, bricks or stones for walkways and other outdoor areas instead of concrete.
-  Please pick up after pets and dispose of waste in the garbage. Do not dispose pet waste in the storm drain system.
-  Store pesticides, fertilizers, and other chemicals indoors or inside a storage unit. Keep them away from the Rain.
-  Remember, never clean paintbrushes or containers into a street gutter, or catch basin.
-  Please schedule grading and excavation projects during dry weather season. Prevent dirt from going into streets and the storm drain system.
-  Keep up car maintenance to reduce leakage of oil, anti freeze and other fluids.
-  Use a broom rather than a hose to clean up garden clippings, dirt and litter from sidewalks, patios and driveway.

For more activities that will reduce storm water pollution, visit the City of Soledad's web page at <http://www.cityofsoledad.com/departments/publicwrks>.

TO REPORT CLOGGED CATCH BASINS CALL:

TO REPORT ILLEGAL DUMPING CALL:

TO RECYCLE USED MOTOR OIL CALL:

TO DISPOSE HOUSEHOLD HAZARDOUS WASTE CALL:



The Storm Water Hotline at (831) 223-5188 or the Public Works Department at (831) 223-5170 between 8:00 A.M. to 5:00 P.M. After 5:00 P.M., call (831) 755-5111.

The Storm Water Hotline at (831) 223-5188 or the Public Works Department at (831) 223-5170 between 8:00 A.M. to 5:00 P.M. After 5:00 P.M., call (831) 755-5111.

Tri-Cities Disposal and Recycle Service at (888) 678-6798

Johnson HHW Collection Facility, Salinas Valley Solid Waste Authority Disposal at (831) 675-2143.
Sun Street HHW Facility, Salinas Valley Solid Waste Authority Disposal at (831) 424-5520

Article I (Spanish)

Ayude a la Ciudad de Soledad y al Ambiente Evitando la Contaminación de Agua de Tormenta!

El agua de tormenta es el agua que fluye sobre la superficie de la tierra y a través del sistema de drenaje. Cuando las áreas de vegetación tal como los campos, áreas de jardín y bosque, el agua de la lluvia se consume en la tierra gradualmente y el derrame es limitado. No obstante, cuando la lluvia cae en áreas pavimentadas y otras superficies impermeables, el agua corre más rápido y es transportada por el sistema de drenaje hacia las afueras. El destino final del agua de tormenta de nuestra Ciudad es el río de Salinas.

El agua de tormenta no es tratada y todos los contaminantes de las calles, áreas de jardín, caminos de entrada, y otras superficies impermeables pueden terminar en él río. Algunos de los contaminantes que son llevados directamente al río entre el agua de tormenta son los desechos de mascotas, basura, tierra, aceite y grasa de motores con fugas, fertilizantes, pesticidas, agua con jabón cuando lavan sus coches en su camino de entrada, y de estacionamientos. La vida acuática del Río Salinas puede ser afectada por el desperdicio de los contaminantes que pueden ser llevados con la corriente del agua de tormenta.

Usted puede evitar la contaminación haciendo las siguientes actividades en su casa y con su coche.

- El derrame de los canalones y otras fuentes directamente sobre el césped y grava pueden detener la velocidad del agua y naturalmente filtrarla.
- Aumente la cantidad de superficie permeable alrededor de su casa. Por ejemplo, use patios de madera, ladrillos o piedra en los pasillos e otras áreas en lugar de usar concreto.
- Por favor cuide sus mascotas y tire en la basura los desechos de su mascota. No lo deseche en el sistema de drenaje del agua de tormenta.
- Almacene los pesticidas, fertilizantes, y otros químicos adentro de la casa o adentro de una unidad de almacén. Manténgalos alejados de la lluvia.
- Recuerde, nunca lave brochas para pintar o contenedores en las cunetas de la calle, o alcantarillas.
- Por favor programe sus proyectos de excavación y nivelar durante las temporadas de clima seco. Evite que la tierra se vaya para las calles y en el sistema de drenaje de la agua de tormenta.
- Mantenga su coche para reducir la fuga de aceite, anticongelante y otros líquidos.
- Use una escoba en vez de la manguera para limpiar los recortes del jardín, tierra y basura de las aceras, patios y camino de entrada.

Para mas actividades que ayudan a reducir la contaminación del agua de tormenta, visite el sitio de Internet de la Ciudad de Soledad en el <http://www.cityofsoledad.com/departments/publicwrks>.

PARA REPORTAR PALANGANAS TAPADAS LLAME A:

PARA REPORTAR DESECHOS ILEGALES LLAME A:

PARA RECICLAR ACEITE USADO DE MOTOR LLAME A:

PARA DESECHOS PELIGROSOS LLAME A:



Línea de emergencia para el agua de tormenta (831) 223-5188 o al departamento de Obras Publicas al (831) 223-5170 entre 8:00 A.M. a 5:00 P.M. Después de las 5:00 P.M., llame al (831) 755-5111.

Línea de emergencia para el agua de tormenta (831) 223-5188 o al departamento de Obras Publicas al (831) 223-5170 entre 8:00 A.M. a 5:00 P.M. Después de las 5:00 P.M., llame al (831) 755-5111.

Tri-Cities Disposal and Recycle Service al (888) 678-6798

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Sun Street HHW Facility, Salinas Valley Solid Waste Authority Disposal al (831) 424-5520

Article 2 (English)



Storm Water Pollution Prevention

Rain is absorbed by the soil or taken up by plants and trees in open fields, forest and wetlands; but in urban areas, rain is not absorbed because it falls on impermeable roofs, streets, parking lots and lawns and enters local storm water collection systems. The final destiny of our local storm water runoff

is the Salinas River.

Storm water pollution occurs when the storm water runoff that flows over the impervious surfaces such as pavements and roofs, collect debris, chemicals, dirt, and other pollutants. Automobile oil, grease, fertilizers, cigarette butts, pet waste and debris can be carried by storm water runoff into any water body causing pollution and adverse effects on plants, fish, animals and people.

Storm Water Does Not Get Treated! All pollutants from our streets, landscapes areas, driveways and other impervious surfaces could end up in the river.

Storm water pollution can be prevented, and each of us can prevent pollution!

The raining season is just around the corner, and we can reduce storm water pollution by implementing the following Storm Water Pollution Prevention Tips in your daily activities.



Do not allow your **pet waste** to get in the gutters or storm drains. When walking your pet, remember to pick up your pet waste. Always carry bags to pick up your pet waste.

Never allow any **chemicals, yard waste, or any other materials** to be washed down or put into storm drains.

Use **pesticides and fertilizers sparingly**. Use them only when is necessary and use the recommended amounts.

Sweep up driveways and side-walks, do not use water

Store **engines, transmissions, and other oil** parts inside proper containers, keep them away from the rain

Inspect your car for **leaks**, and recycle motor oil. Clean up spills immediately and properly dispose of cleanup materials.

Remember, **never clean paintbrushes or containers** into a street gutter, or catch basin.

Increase the amount of **permeable surfaces around your home**. For example, use wooden decking, bricks or stones for walkways and other outdoor areas instead of concrete.

Direct runoff from gutters and other sources onto grass and gravel to slow the velocity of water and to naturally filter the water.



For more activities that will reduce storm water pollution, visit the City of Soledad's web page at <http://www.cityofsoledad.com/departments/publicwrks>.

TO REPORT CLOGGED CATCH BASINS CALL: The Storm Water Hotline at (831) 223-5188 or the Public Works Department at (831) 223-5170 between 8:00 A.M. to 5:00 P.M. After 5:00 P.M., call (831) 755-5111.

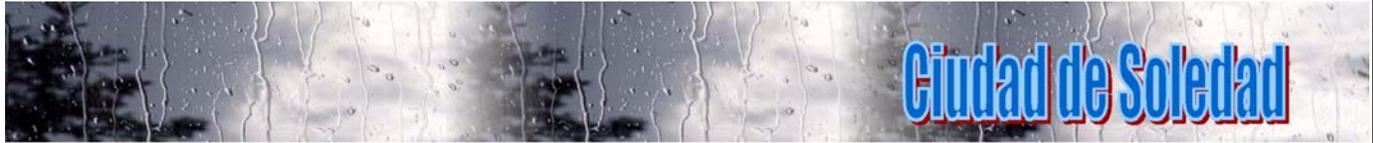
TO REPORT ILLEGAL DUMPING CALL: The Storm Water Hotline at (831) 223-5188 or the Public Works Department at (831) 223-5170 between 8:00 A.M. to 5:00 P.M. After 5:00 P.M., call (831) 755-5111.

TO RECYCLE USED MOTOR OIL CALL: Tri-Cities Disposal and Recycle Service at (888) 678-6798.

DISPOSE HOUSEHOLD HAZARDOUS WASTE CALL: Johnson HHW Collection Facility, Salinas Valley Solid Waste Authority Disposal at (831) 675-2143. Sun Street HHW Facility, Salinas Valley Solid Waste Authority Disposal at (831) 424-5520



Article 2 (Spanish)



Prevención de Contaminación del Agua de Tormenta

La lluvia se absorbe por la tierra o se consume por las plantas y árboles en los campos abiertos, bosque y tierra húmeda; pero en áreas urbanas, la lluvia no se absorbe cuando cae sobre techos impermeables, calles, estacionamientos y césped y entran en los sistemas de colección locales del agua de tormenta. El

destino final del agua de tormenta derramada local es el Río Salinas.

Contaminación del agua de tormenta ocurre cuando el agua de tormenta derramada fluye sobre las superficies impenetrables tal como pavimentos y techos, acumulan basura, químicos, tierra, y otros contaminantes. Aceite de Automóvil, grasa, fertilizantes, colillas de cigarrillo, desechos de mascotas y basura pueden ser transportados por el agua de tormenta derramada a cualquier cuerpo de agua causando contaminación y efectos adversos a las plantas, peces, animales y a la gente.

El agua de tormenta no es tratada! Todos los contaminantes de nuestras calles, áreas de jardín, caminos de entrada y otras superficies impenetrables pueden terminar en el río.

La contaminación del agua de tormenta puede ser evitada, y cada uno de nosotros podemos evitar la



contaminación!

La temporada de lluvia casi esta próxima, y podemos reducir la contaminación del agua de tormenta implementando los siguientes consejos de prevención de contaminación del agua de tormenta.

No permita que los **desechos de su mascota** entren a las cunetas o drenaje de tormenta. Cuando camine su mascota, recuerde de recoger el desecho de su mascota. Acostumbre a cargar una bolsita con usted para que recoja el desecho de su mascota.

Nunca permita que cualquier **química, basura de jardín, o cualquier otro material** se derrame o se vaya en los drenajes de tormenta.

Use **pesticidas y fertilizantes escasamente**. Utilícelos solamente cuando es necesario y use las cantidades recomendadas.

Barra los caminos de entrada y las aceras, no utilice el agua.



Almacene **motores, transmisiones, y otras partes con aceite** dentro de contenedores apropiados, y alejelos de la lluvia.

Inspeccione su coche en caso de **fugas**, y recicle el aceite de motor. Limpie los derrames de aceite inmediatamente y deséchelos apropiadamente.

Recuerde, **nunca limpie brochas de pintura o contenedores** en las cunetas de la calle o palanganas.

Atente la cantidad de **superficies permeables alrededor de su casa**. Por ejemplo, en lugar de usar concreto, utilice patios de madera, ladrillos o piedras para los pasillos y en otras áreas afuera.

El derrame directo de los canalones y otras fuentes sobre el césped y grava detienen la velocidad del agua y naturalmente filtran el agua.

Para mas actividades que ayudan a reducir la contaminación del agua de tormenta, visite la pagina de Internet de la Ciudad de Soledad <http://www.cityofsoledad.com/departments/publicwrks>.

PARA REPORTAR PALANGANAS TAPADAS LLAME A: Línea de agua de tormenta (831) 223 5188 o al Departamento de Obras Publicas al (831) 223-5170 entre las 8:00 A.M. a 5:00 P.M. Después de las 5:00 P.M., llame al (831) 755-5111.

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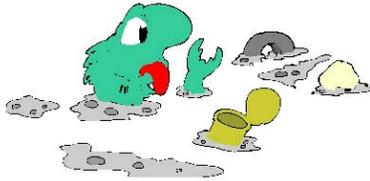
PARA RECICLAR ACEITE DE MOTOR USADO LLAME A: Tri-Cities Disposal and Recycle Service al (888) 678-6798.

PARA DESECHOS PELIGROSOS LLAME A: Johnson HHW Collection Facility, Salinas Valley Solid Waste Authority Disposal al (831) 675-2143 Sun Street HHW Facility, Salinas Valley Solid Waste Authority Disposal al (831) 424-5520



Article 3 (English)

Storm water pollution



Occurs when the

storm water runoff that flows over the impervious surfaces such as pavements and roofs, collect debris, chemicals, dirt, and other pollutants. Automobile oil, grease, fertilizers, cigarette butts, pet waste and debris can be carried by storm water runoff into any water body causing pollution and adverse effects on plants, fish, animals and people.

Rain is absorbed by the soil or taken up by plants and trees in open fields, forest and wetlands; but in urban areas, such as our City, rain is not absorbed because it falls on impermeable roofs, streets, parking lots and lawns and enters local storm water collection systems. Salinas River is the final destiny of our local storm water runoff.

Storm Water Does Not Get Treated!

All pollutants from our streets, landscapes areas, driveways and other impervious surfaces could end up in the river!



Storm water pollution can be prevented, and each of us can prevent pollution!

When raining season starts, remember that you can reduce storm water pollution by modifying your daily activities, below is a partial list of Storm Water Pollution Prevention Tips that you can implement in your daily activities to reduce Storm Water Pollution. More Storm Water Pollution Prevention Tips can be found in the **City of Soledad's web page at <http://www.cityofsoledad.com/departments/publicwrks>**.

Store engines, transmissions, and other oil parts inside proper containers, keep them away from the rain.

Sweep up driveways and side-walks, do not use water

Have your car inspected and maintained regularly to reduce leakage of oil, antifreeze and other fluids, and recycle motor oil

Please, do not allow your pet waste to get in the gutters or storm drains. When walking your pet, remember to pick up your pet waste. Always carry bags to pick up your pet waste

When changing car fluids, use a drip pan to collect any spills. If a spill occurs, soak it up using an absorbent material such as kitty litter or sawdust and dispose of it properly.

Conserve water and reduce the amount of runoff by not over watering your lawn and garden.

Increase the amount of permeable surfaces around your home. For example, use wooden decking, bricks or stones for walkways and other outdoor areas instead of concrete.

Never allow any chemicals, yard waste, or any other materials to be washed down or put into storm drains.

Remember, never clean paintbrushes or containers into a street gutter, or catch basin.

City of Soledad

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DISPOSE HOUSEHOLD HAZARDOUS WASTE CALL: Johnson HHW Collection Facility, Salinas Valley Solid Waste Authority Disposal at (831) 675-2143. Sun Street HHW Facility, Salinas Valley Solid Waste Authority Disposal at (831) 424-5520



Article 3 (Spanish)

Contaminación de Agua de Tormenta



Ocurre cuando el agua de tormenta se

derrama y fluye sobre las superficies impermeables tales como pavimentos y techos, colecciona basura, quimicos, tierra y otros contaminantes. Aceite de autos, grasa, fertilizantes, colillas de cigarrillo, desechos de mascotas y escombros son llevados con la corriente de agua de tormenta hacia cualquier cuerpo de agua causando contaminación y efectos adversos en las plantas, peces, animales y la gente.

La lluvia se absorbe en la tierra o se consume por las plantas y árboles en los campos libres, bosque y ciénegas, pero en áreas urbanas; tal como nuestra Ciudad, la lluvia no se absorbe por que cae en techos impermeables, calles, estacionamientos, y céspedes y entra en el sistema local del agua de tormenta. El Río Salinas el destino final de nuestra agua de tormenta local.

El Agua de Tormenta no es Tratada!

Todos los contaminantes de nuestras calles, áreas de jardín, caminos de entrada y otros superficies impermeables pueden terminar en el Río!

La contaminación del agua de tormenta puede evitarse, y cada uno de nosotros puede prevenir la contaminación!



Cuando la temporada de lluvia empieza, recuerde de reducir la contaminación del agua de tormenta modificando sus actividades diarias, abajo se encuentra una lista parcial de consejos para la Prevención de Contaminación del Agua de Tormenta que usted puede implementar en sus actividades diarias para reducir la contaminación del agua de tormenta. Mas consejos de la prevención de contaminación del agua de tormenta se pueden encontrar en la pagina de Internet de la Ciudad de Soledad <http://www.cityofsoledad.com/departments/publicwrks>.

Almacene motores, transmisiones, y otras partes de aceite en contenedores apropiados, protéjalos de la lluvia manteniéndolos cubiertos.

Barra los caminos de entradas y aceras, no utilice el agua.

Inspeccione sus carros y manténgalos regularmente para reducir el goteo de aceite, anticongelante y otros líquidos, y recicle el aceite de motor.

Por favor, no permita que el desecho de su mascota entre en el drenaje o alcantarillas del agua de tormenta. Cuando saque a caminar a su mascota, recuerde de recoger el desecho de su mascota. Siempre cargue con usted una bolsa para recoger el desecho de su mascota.

Cuando cambie los líquidos de su carro, utilice una cacerola para coleccionar cualquier derrame. Si ocurre un derrame, absórbelo usando un material absorbente tal como paja o serrín y deséchelo apropiadamente.

Conserve el agua y reduzca la cantidad de agua derramada, no sobre riegue su césped y jardín.

Aumente la cantidad de superficies permeables alrededor de su casa. Por ejemplo, use patios de Madera, ladrillos o piedra en los pasillos y otras áreas en lugar de usar concreto.

Nunca permita que cualesquiera químicas, desperdicio de jardín, u otros materiales se derramen o se coloquen en las alcantarillas de tormenta.

Recuerde, nunca lave brochas para pintar o contenedores en las cunetas o alcantarillas.



PARA REPORTAR PALANGANAS TAPADAS LLAME A:
Línea de emergencia para el agua de tormenta (831) 223 5188 o al departamento de Obras Publicas (831) 223-5170 entre las horas de 8:00 A.M. a 5:00 P.M. Después de las 5:00 P.M., llame al (831) 755-5111.

PARA REPORTAR DESECHOS ILEGALES LLAME A:
Línea de emergencia para el agua de tormenta (831) 223 5188 o al departamento de Obras Publicas (831) 223-5170 entre las horas de 8:00 A.M. a 5:00 P.M. Después de las 5:00 P.M., llame al (831) 755-5111.

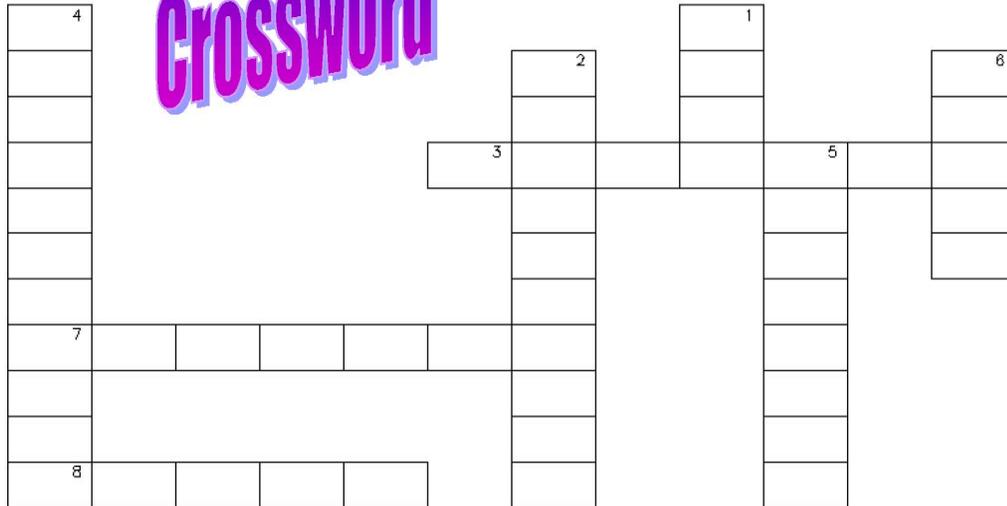
PARA RECICLAR ACEITE DE MOTOR: Tri-Cities Disposal and Recycle Service al (888) 678-6798.

PARA DESECHOS PELIGROSOS LLAME A: Johnson HHW Collection Facility, Salinas Valley Solid Waste Authority Disposal al (831) 675-2143. Sun Street HHW Facility, Salinas Valley Solid Waste Authority Disposal al (831) 424-5520



Activities (English)
Used at 2007 Expo and last Soledad Times Edition

Crossword



DOWN:

- 1.- Underground water can be reached through this.
- 2.-Place on the street where pollutants enter our waterways
- 4.- Water beneath the earth's surface
- 5.- Storm water from city streets that carry pollutants down the storm drain
- 6.- Large body of saltwater

ACROSS:

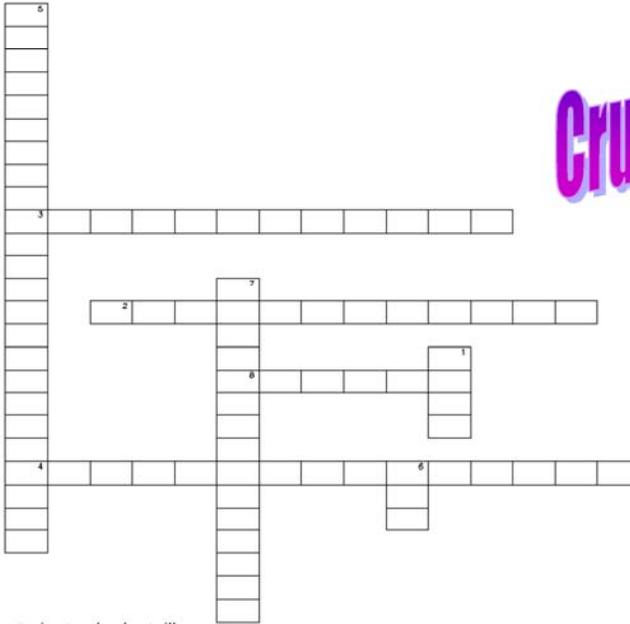
- 3.- To make dirty or contaminate
- 7.- Underground formation that contains water
- 8.- A large stream



Storm Water Pollution Prevention

1. Well 2. Storm drain 3. Aquifer 4. Groundwater 5. Urban runoff 6. Stream 7. Aquifer 8. Contaminant

Activities (Spanish)
Used at 2007 Expo and last Soledad Times Edition



Crusigrama



Vertical:

- 1.- Agua subterránea puede ser obtenida de esto
- 5.- Agua de tormenta de las calles de la ciudad acarrear contaminantes a las alcantarillas
- 7.- Formación subterránea que contiene agua
- 8.- Un arroyo grande prevención de contaminación del agua de tormenta

Horizontal:

- 2.-El lugar en la calle donde los contaminantes entran a nuestras vías lluviales
- 3.- Ensuciar o contaminar
- 6.- Cuerpo grande de agua salada
- 4.- El agua debajo de la superficie de la tierra

Prevención de Contaminación del Agua de Tormenta

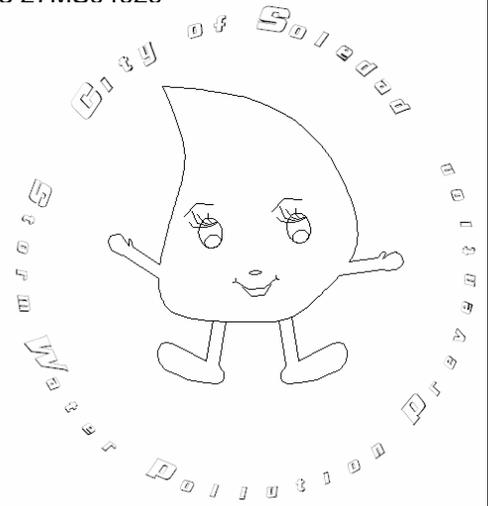
- 1. Pozo
- 2. Alcantarilla
- 3. Contaminante
- 4. Agua subterránea
- 5. Agua que escurre en ciudades.
- 6. Río
- 7. Mantos acuíferos
- 8. Océano

Activities (English)
Used at 2007 Expo and last Soledad Times Edition

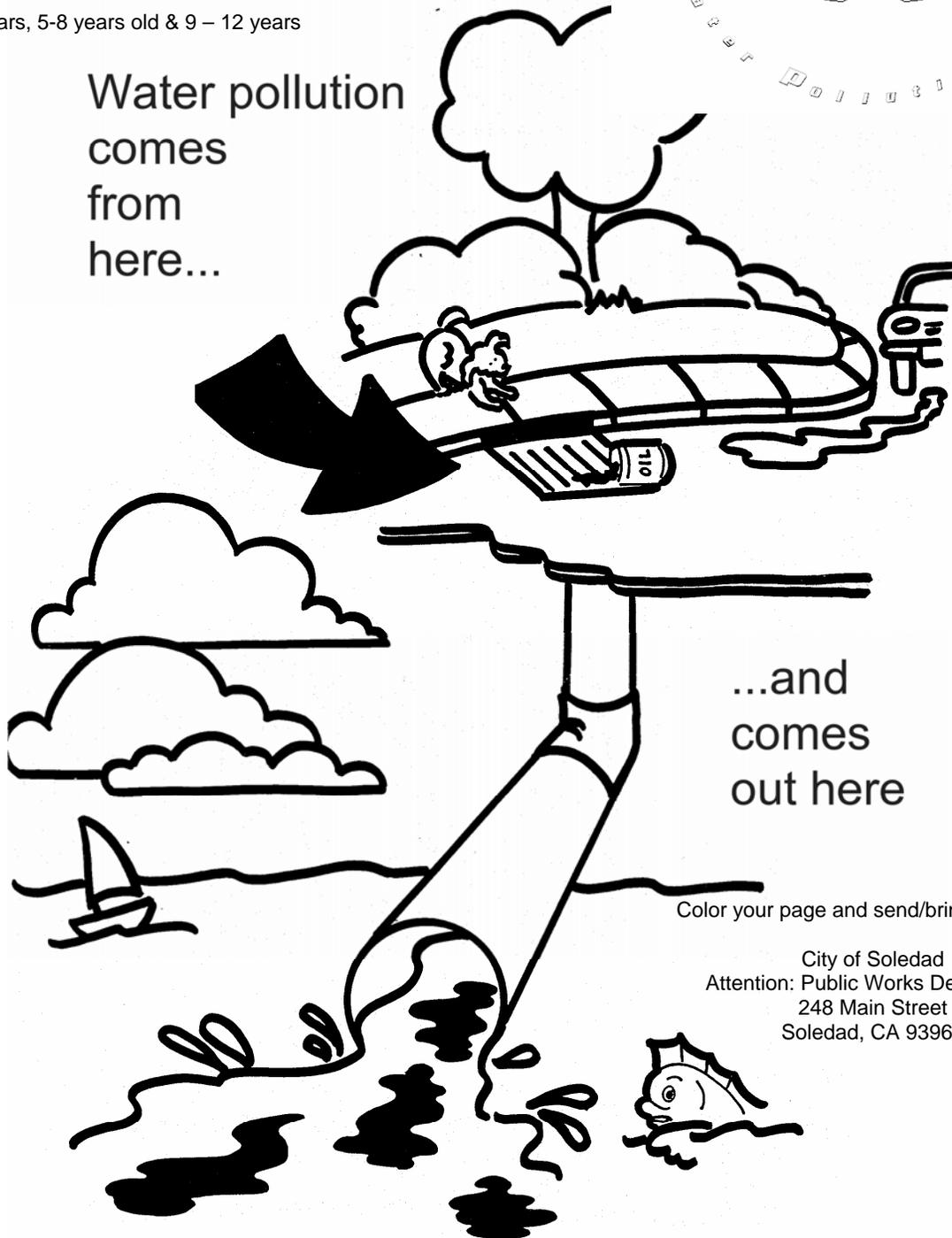
Coloring Art Gallery

The Public Works Department is inviting you to participate in our Coloring Art Gallery. Each month, the Public Works Department will select three artworks and will display them in the City web page. The selection will be done by age groups.

Groups: 3 to 4 years, 5-8 years old & 9 – 12 years



Water pollution
comes
from
here...



...and
comes
out here

Color your page and send/bring it to us to:

City of Soledad
Attention: Public Works Department
248 Main Street
Soledad, CA 93961

Activities (Spanish)
Used at 2007 Expo and last Soledad Times Edition

Galería de Arte de Ilustración

El departamento de obras públicas los invita a que participe en nuestra galería de ilustración. Cada mes, el departamento de las obras públicas seleccionará tres il y las exhibirá en la página de Web de la ciudad. La selección será hecha por los misma edad.

Grupos: 3 a 4 años, 5-8 años y 9 - 12 años



La contaminación
viene
de
aquí.....



Envié/mande su obra de colorear a:

Ciudad de Soledad
Atención: Departamento de Obras Públicas
248 Main Street
Soledad, CA 93960

APPENDIX B

Brochures – Examples (English & Spanish)

English Brochure

Outside

Side

**Stop Storm Water
Runoff Pollution! ■**



Help our community

**Help Our
Community, Stop
Storm Water Runoff
Pollution! ■**

City of Soledad
248 Main Street
Soledad, CA 93960
Phone (831) 223-5000
Fax (831) 679-3965
<http://www.cityofsoledad.com>

TO REPORT CLOGGED CATCH BASINS, CALL
City of Soledad Public Works Department (831) 223-5000
between 8:00 A.M. to 5:00 P.M.
After 5:00 P.M. call (831) 755-5111

TO REPORT ILLEGAL DUMPING CALL
City of Soledad Public Works Department at (831) 223-5000
between 8:00 A.M. to 5:00 P.M.
After 5:00 P.M. call (831) 755-5111
Storm Water Hotline: (831) 223-5188

TO RECYCLE USED MOTOR OIL CALL
Tri-Cities Deposal and Recycle Service at (888) 678-6798

TO DISPOSE OF HOUSEHOLD HAZARDOUS WASTE CALL
Johnson HHW Collection Facility, Salinas Valley Solid Waste
Authority Disposal at (831) 675-2143
Sun Street HHW Facility, Salinas Valley Solid Waste Authority
Disposal at (831) 424-5520

The City of Soledad is
counting on you!

**The City of Soledad
Storm Water
Management Plan ■**



Protect the
Environment, Stop
Storm Water Pollution!

English Brochure

WHAT IS THE OBJECTIVE? ■

The City of Soledad developed and adopted the Storm Water Management Plan (SWMP) in 2004.

The objective of the SWMP is to protect the storm water quality by limiting the entrance of pollutants into the City of Soledad storm water system.

WHAT IS RUNOFF?

Runoff is water from rain, agricultural or landscape irrigation, or from other sources that flows over the paved surface.

WHAT IS STORM WATER POLLUTION?

When the storm water runoff flows over impervious surfaces; such as pavements, roofs, compacted soils and rock outcrops, it can collect debris, chemicals, dirt, and other pollutants. For example, automobile oil, grease and debris can be carried by storm water runoff into any water body causing pollution and adverse effects on plants, fish, animals and people.

WHAT IS A NONPOINT SOURCE POLLUTANT?

Nonpoint source pollutants are pollutants that cannot be traced to a single pipe, or single point of source.

IS STORM WATER TREATED? ■

The storm water that is collected and transported in the storm drain system flows directly to the river or ocean without any treatment. The final destination of any pollutant that is illegally discharged into the storm drain system is our rivers and oceans!

REDUCING STORM WATER RUNOFF IN OUR COMMUNITY

You can prevent pollution by doing some of the following household and automobile activities:

HOUSEHOLD & HOME ACTIVITIES

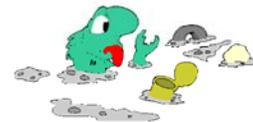
- 1) Never discharge anything down the storm drain system.
- 2) Sweep paved areas to keep waste away from the storm water system. Do not use water to clean your sidewalks or driveways.
- 3) Clean up your pet waste
- 4) Buy less toxic household products.
- 5) Store all toxic products and use them properly.
- 6) Filter and reuse paint thinner or brush cleaners.
- 7) Take unwanted paints, cleaners and chemicals to an approved Household Hazardous Waste Facility.

PERSONAL AUTOMOTIVE CARE ■

- 1) Recycle used motor oil and antifreeze.
- 2) Inspect and maintain your car to reduce leakage of oil, antifreeze and other fluids.
- 3) Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.



PET CARE ACTIVITIES THAT PREVENT STORM WATER POLLUTION.



- 1) Carry a pooper-scooper or plastic bag with you to pick up your pet's waste when walking your dog. Pet's waste can be washed up into the storm drain system.
- 2) Dispose pet waste by flushing it down the toilet or placing it in the trash.

Spanish Brochure

Outside

Side

¡Pare el Derrame de Agua Contaminada a las Alcantarillas de Tormenta! ■



Ayude a nuestra comunidad

Ayude a Nuestra Comunidad, Pare el Derrame de Agua Contaminada a las Alcantarillas de Tormenta! ■

City of Soledad
248 Main Street
Soledad, CA 93960
Phone (831) 223-3000
Fax (831) 679-3965
<http://www.cityofsoledad.com>

PARA REPORTAR OBSTRUCCIONES EN LAS PALANGANAS, LLAME AL:
Departamento de Obras Publicas de la Ciudad de Soledad (831) 223-5000 entre 8:00 A.M. a 5:00 P.M.
Después de las 5:00 P.M. llame al (831) 755-0111

PARA REPORTAR DESECHO ILEGAL LLAME AL:
Departamento de Obras Publicas de la Ciudad de Soledad (831) 223-5000 entre 8:00 A.M. a 5:00 P.M.
Después de las 5:00 PM llame al (831) 755-0111

LÍNEA DE EMERGENCIA DEL SISTEMA DE ALCANTARILLADO
(831) 223-5198

PARA RECICLAR ACEITE USADO DE MOTOR LLAME AL:
Servicio de Reciclaje y Desechos Tri-Cities al (888) 678-6798

PARA DESECHAR DESPERDICIOS PELIGROSOS LLAME A:
Johnson HHW Collection Facility, Salinas Valley Solid Waste Authority Disposal at (531) 615-2142
Sun Street HHW Facility, Salinas Solid Waste Authority Disposal at (831) 424-5520

¡La Ciudad de Soledad cuenta con usted!

Plan De Gerencia De Alcantarillas de Tormenta De La Ciudad De Soledad ■



¡Proteja el ambiente, Pare la contaminación!

Spanish Brochure

Inside Side

¿CUAL ES EL OBJETIVO?

La Ciudad de Soledad desarrollo y adopto el Plan de Gerencia de Alcantarillas de Tormenta (SWMP) en el 2004.

El objetivo del SWMP es de proteger la calidad de agua a las alcantarillas de tormenta limitado la entrada de contaminación al sistema de alcantarillas de la Ciudad de Soledad.

¿QUE ES DERRAME DE AGUA?

El derrame de agua es causado por la lluvia, agricultura o irrigación del jardín, o de otras fuentes que fluyen sobre las superficies en pavimentadas.

¿QUE ES LA CONTAMINACIÓN DE AGUA DE TORMENTA?

Cuando el agua fluye sobre superficies impermeables, por ejemplo los pavimentos, techos, los suelos condensados y los afloramientos de roca, la corriente puede recoger los escombros, productos químicos, suciedad, y otros contaminantes. Por ejemplo, el aceite de automóvil, la grasa y escombros se pueden derramar en el agua y se van a cualquier cuerpo de agua causando contaminación y efectos adversos a las plantas, los pescados, los animales y la gente.

¿QUE ES UN CONTAMINANTE SIN PUNTO DE ORIGEN?

Un contaminante sin punto de origen es un contaminante que no puede ser localizado en una sola pipa, o un solo lugar de origen.

¿ES TRATADA EL AGUA DE TORMENTA?

El agua de tormenta es colectada y transportada en el sistema de drenaje de tormenta o alcantarillas que fluye directamente al río u océano sin ningún tratamiento. El destino final de cualquier contaminante que es desechado ilegalmente en el sistema de alcantarillas de tormenta termina en nuestros ríos y océanos!

REDUCIENDO EL DERRAME DE AGUA DE TORMENTA EN NUESTRA COMUNIDAD

Usted puede prevenir la contaminación haciendo lo siguiente con sus actividades en la casa y con su automóvil:

ACTIVIDADES DE CASA

- 1) Nunca deseche cualquier cosa dentro del sistema de alcantarilla de tormenta.
- 2) Barra las áreas para mantener los escombros alejados del sistema de alcantarilla. No utilice el agua para limpiar las aceras y caminos de entrada.
- 3) Limpie el excremento de su mascota.
- 4) Compre menos productos tóxicos para la casa.
- 5) Almacene todos los productos tóxicos y úselos apropiadamente.
- 6) Filtre y use de nuevo el "thinner" de pintura o limpiadores de brochas.
- 7) Lleve las pinturas, los limpiadores y los productos químicos indeseados a una facilidad aprobada para desechos peligrosos de la casa.

CUIDADO DE SU AUTO PERSONAL

- 1) Recicle el aceite de motor y anticongelante usado.
- 2) Examine y mantenga su carro para reducir la salida de aceite, anticongelante y de otros líquidos.
- 3) Para lavar su carro utilice jabón comercial que trate o recicle las aguas residuales, o lave su carro en su yarda para que el agua se infiltre en la tierra.



CUIDADO DE MASCOTAS QUE PREVIENE LA CONTAMINACIÓN DEL AGUA DE TORMENTA



- 1) Lleve un recogedor o una bolsa de plástico con usted para recoger los excrementos de su perro al caminar. Los excrementos de su mascota pueden irse entre el agua al sistema de tormenta en las alcantarillas.
- 2) Deseche los excrementos de su mascota en el inodoro o en la basura.

Stormwater and the Construction Industry Brochure

Stormwater and the Construction Industry

Protect Natural Features



Bad



Good

- Minimize clearing.
- Minimize the amount of exposed soil.
- Identify and protect areas where existing vegetation, such as trees, will not be disturbed by construction activity.
- Protect stream, stream buffers, wet woodlands, wetlands, or other sensitive areas from any disturbance or construction activity by staking or otherwise clearly marking these areas.

Construction Phasing



Bad



Good

- Sequence construction activities so that the soil is not exposed for long periods of time.
- Schedule or limit grading to small areas.
- Install key sediment control practices before site grading begins.
- Schedule site stabilization activities, such as revegetating, to be completed immediately after the land has been graded to its final contour.

Vegetative Buffers



Bad



Good

- Protect natural vegetative buffers along waterbodies to slow and filter stormwater runoff.
- Maintain buffers by mowing or replanting periodically to ensure their effectiveness.

Silt Fencing



Bad



Good

- Inspect and maintain silt fences after each rainstorm.
- Make sure the bottom of the silt fence is buried in the ground.
- Securely attach the material to the stakes.
- Don't place silt fences in the middle of a driveway or use them as wheel chocks.
- Make sure stormwater is not flowing around the silt fence.

Construction Entrances



Bad



Good

- Remove track and dirt from the tires of construction vehicles before they enter a paved roadway.
- Properly size entrance BMPs for all unimproved vehicles.
- Make sure that the entrance entrance does not become buried in soil.

Slopes



Bad



Good

- Thorough grade or terrace slopes.
- Break up long slopes with contour berms, or under drains, or divert stormwater away from slopes.

Dirt Stockpiles



Bad



Good

- Cover or seed all dirt stockpiles.

Site Stabilization



Bad



Good

- Vegetate, mulch, or otherwise stabilize all exposed areas as soon as land disturbance has been completed.

Storm Drain Inlet Protection



Bad



Good

- The curb or other appropriate is needed to serve the storm drain inlet to filter out trash and debris.
- Make sure the curb area is appropriate (usually 1 to 2 inches in diameter).
- If you use silt filters, maintain them regularly.

Maintain your BMPs!

www.epa.gov/npdes/menuofbmps

City of Soledad, Public Works Department
 (831) 223-5188 - publicworks@cityofsoledad.com

APPENDIX C

Soledad Outfalls

Outfall Number 1
Retention Pond along Gabilan Street

Area is cleaned and maintain by the City.

No major structure damage was noticed. Sediments, debris and high weeds around the outfall area were found during the inspection. The Public Works Department maintains the outfall area periodically.



This outfall is located at a retention pond along Gabilan Street. The retention pond receives the water from the subdivision of Miravale I, Phase I, II and III that are located to the northeast of Toledo Street to the east side of Orchard Lane and from Gabilan Drive to the north end of the City, and this outfall will be receiving the runoff from the new subdivision Miravale II, Unit I. This retention pond is not connected to the rest of the City storm water system, and the storm water that enters the retention pond stays in this retention pond. The City plans to connect these storm drainage systems from these subdivisions to the rest of the City's storm water system when the storm water drainage system's capacity along Gabilan Drive and San Vicente Road will be retrofitted by increasing the sizes of the pipes.

Outfall Number 2

Detention Pond at Santana Park

The outfall Number 2 is located at Santana Park. The outfall structure did not show any structural damage, sediments inside the outfall were found during the inspection. The Public Works Department maintains the outfall area periodically.



This outfall is a detention pond that receives the storm water runoff from the subdivision located between the westside of Toledo to Barcelona Street from Gabilan Drive to Portola Drive. After the detention pond exceeds the maximum capacity, this runoff is transported from Gabilan Drive to the intersection of Front and West Street Street. Runoffs from Andalucia Drive, North Street, Main and West Street also converge at the intersection of West and Front Street. The final travel path of the storm water runoff ends at outfall of the Soledad Waste Water Treatment Plant.

Number 3
Detention Pond at Veterans Memorial Park Outfall



Outfall number 3 is located at the detention pond at the Veterans Memorial park.

Structure was not damaged and no sediments or debris were found inside or outside the structure.

The Public Works Department maintains the outfall area periodically.

This detention pond receives storm water runoff from subdivisions located at Entrada Drive, Vista de Soledad, Gabilan Drive and San Vicente Road. The water is detained and then release to the San Vicente drainage system when the capacity of the basin is reached.

Outfall Number 4
Retention Pond along Front & Highway 101

The outfall at the retention pond located along Front Street & Highway 101 had debris around the area. Structure did not present any damage during the inspection.



The Public Works Department maintains the outfall area periodically.

This retention pond is located along Front Street. The storm water that enters this retention pond stays inside the pond. The drainage system in Front Street collects the runoff from the south side of Front Street flowing west from Oak Avenue, flowing south of Monterey and Market Street, west of Oak Avenue to the intersection at Front Street and West Street.

Outfall Number 5
Outfall at Treatment Plant



The main City's outfall did not show any structural damage, debris and plastic bottles were found at site. The Public Works Department maintains the outfall area periodically.

The City's outfall receives the runoff from the entire City except from the retention pond located along Gabilan Drive and the retention pond of Front Street.

The runoff is discharged to the river.

Outfall Number 6

Outfall along at intersection of Front Street & Nestles Road

No structural damaged was noticed, weed removal was recommended to maintain the area.

This outfall receives the runoff from Monterey Street, First and Third Street, and Pine Street. The runoff is discharged into a culver that crosses under Highway 101.





Outfall Number 7
Detention Basin at Market Street & San Vicente

Detention Pond area is located at the intersection of Market Street and San Vicente. No structural damage was noticed.

The detention Pond receives the runoff from the Subdivision located between the west side of West Street to San Vicente Road and from Market Street to Viejo Gabriel, when the capacity is reached the water is released to the storm drainage system located along San Vicente Road. The detention pond will be eliminated when the capacity of the system along San Vicente Road will be increased.

APPENDIX D

Business List

CITY OF SOLEDAD THIRD ANNUAL REPORT – WDID# 3 27MS04029

Business Name	Address	Type	Potential Pollutants
California Truck Parts	930 Los Coches Drive Ste. C	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Sabalá Auto	1085 Vista Avenue	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Soledad Auto Group	300 Front Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Acambaro Bakery Deli Café	160-A Soledad Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Delicia's Bakery	836 Monterey Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Rafa Restoration	148 Nestles Road #C	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
J.C. Auto Detailing	1105 San Antonio Drive	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
MOJIS Detailing	1760 Monterey St.	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Almond Acres Mobile Park	311 Orchard Lane	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Hernandez Mobile	148 Nestles Rd #A	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Mobile ATV and RTV Repair	475 Indian Paintbrush Way	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Universal Transmissions Mobile Service	340 Main Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
G.M. Fleet Service	190 Blueridge Court	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Mobile Diaz Detail	628 Malaga Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Soledad Gardening & Maintenance	961 Barrera Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Soledad Tire & Wheel Service, Inc.	960 Front Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Kragen Auto Parts #4162	2233 H. De La Rosa Sr. Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Soledad Auto Parts	415 Front Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
J.R. Towing & Auto Repair	930 Los Coches	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Leyva's Towing	1005 State Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Mikes Towing & Reyes Tires	150 Benito Street	Automotive Mechanic	Oil, additives, gases, diesel, solvent, paint, battery acid
Soledad Barber Shop	633 Front Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Barber Styling Salon	104 Encinal Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Hair Design	124 Oak Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Soledad Beauty Salon	585-B Front Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
De Colores	987-B Front Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Lucha's Beauty Salon	167 Main Street, Suite E	Beauty Shops	Hair Tint, acetone (nail), perm liquid
STYLZ Salon	1086 Monterey Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Mary's Hair Salon	515 Front Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Judy's Hair Salon	177 A Kidder	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Complexions	1061-A State Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Sandy Hair & Nails	2191 De La Rosa Sr. Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Sujey's Hair Designs	314 Higuera Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Lupita's Hair Salon	753 Font Street Sp. 745	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Soledad Nails	125 Alder Street	Beauty Shops	Hair Tint, acetone (nail), perm liquid
Shining Star Cleaning Service	868 Prado Drive	Cleaning	Cleaning solvents
Christina's House Cleaning	425 San Vicente Road.	Cleaning	Cleaning solvents
Jackie's Ice-Cream & Soda Shop	128 Oak Street	Cleaning	Cleaning solvents
Lolita's Ice Cream	521 Front Street	Cleaning	Cleaning solvents
Mari's Ice Cream	376 Francioni Street	Cleaning	Cleaning solvents
Enrique's Carpet Cleaning	682 Skinner Street	Cleaning - Carpet	Cleaning solvents
Roma's Carpet Cleaning	1644 Vineyard Drive	Cleaning - Carpet	Cleaning solvents
Central Coast Steam Cleaning	206 Montezuma Drive	Cleaning - Carpet	Cleaning solvents
Haro Inc.	961 Toledo Street	Computer Repair	Microships, acid
Ram Concrete Pumping	980 Front Street #17	Concrete	Concrete waste
San Benito Supply	32340 Silliman Road	Concrete	Concrete waste
Tom Stewart Construction	1464 Metz Rd.	Concrete	Concrete waste

CITY OF SOLEDAD THIRD ANNUAL REPORT – WDID# 3 27MS04029

Business Name	LAddress	Type	Potential Pollutants
Charles Piini Construction, Inc.	1061 State Street	Construction	Cleaning solvents, concrete residual
Correa Construction	343 Gabilan Dr. Suite 200	Construction	Cleaning solvents, concrete residual
L& D Construction, CO., Inc.	1333 Monterey Street	Construction	Cleaning solvents, concrete residual
Robert's Handyman Service	253 Oak Street	Construction	Cleaning solvents, concrete residual
A's Handyman & Hardware	601 Front Street	Construction	Cleaning solvents, concrete residual
Expert Home Maintenance	849 Terraza Street	Construction	Cleaning solvents, concrete residual
Lopez Concrete	221 Market Street	Construction	Cleaning solvents, concrete residual
Gonzalo Y Morales Handyman	621 Jimenez St.	Construction	Cleaning solvents, concrete residual
Mission Valley Electric & Plumbing	1230 Walker Drive	Electric Shop	Cleaning solvents
Cameron T. Bush	37800 Foothill Rd.	Floor - Installation	Cleaning solvents, concrete residual
Soledad Valero	100 Front Street	Gas Station	Gasoline & diesel
Shaw's Beacon	1200 Front Street	Gas Station	Gasoline & diesel
Butler Carpet & Upholstery	315 Sentinel St.	Janitorial	Cleaning solvents
Mr. B's Cleaning Service	279-A Kidder Street	Janitorial	Cleaning solvents
Soledad Janitorial Services	487 Granada Street	Janitorial	Cleaning solvents
Launderland	2173 H De La Rosa Sr. Street	Landdry Mat	Cleaning solvents
A-Z Gardening & Handyman	295 Fourth Street	Landscape	Pesticides
SLS Concrete	189 Nestles Rd.	Landscape	Pesticides
Best Offers Lawn & Yard Services	145 Inca Drive	Landscape	Pesticides
Landscaping Brothers	1905 Monterey Street	Landscape	Pesticides
Mission Lawn & Garden Care	607 Granada Street	Landscape	Pesticides
Castro TV Repair	730 Monterey Street	Repair	Cleaning solvents
Valley Donuts #2	3046 H De La Rosa Sr. Street	Restaurant	Oil & grease
Burger King #15058	2107 H De La Rosa Sr. Street	Restaurant	Oil & grease
Carl's Jr. Restaurant	1000 Front Street	Restaurant	Oil & grease
Mc Donald's #10222	1215 Front Street	Restaurant	Oil & grease
Taco Bell 21167	1185 Front Street	Restaurant	Oil & grease
The Casil Group LLC	210 Amador	Restaurant	Oil & grease
Today Financial	425 Sage Court	Restaurant	Oil & grease
SAFE Second Amendment Firearms Enterprises	930 Los Coches Drive, Suite 101	Restaurant	Oil & grease
Aussies Seafood Grill	3034 H. De La Rosa Sr. Street	Restaurant	Oil & grease
China One Express	3040 H De La Rosa Sr. Street	Restaurant	Oil & grease
Camarillo Produce	1318 Madera Street	Restaurant	Oil & grease
La Esperanza Mercado	325 Front Street	Restaurant	Oil & grease
Bingo Supermarket	945 Monterey Street	Restaurant	Oil & grease
Lassen Market	87 Front Street	Restaurant	Oil & grease
Riojas Market	200 Fourth Street	Restaurant	Oil & grease
Pacheco's Meat Market/Deli	615 Front St.	Restaurant	Oil & grease
Mariscos Puerto Nuevo #2	3022 H De La Rosa Sr. Street	Restaurant	Oil & grease
Restaurante Rio Nexpa	751 Front Street	Restaurant	Oil & grease
Palmas Restaurant	331 Gabilan Drive	Restaurant	Oil & grease
Piini Mini Mart	1025 State Street	Restaurant	Oil & grease
Round Table Pizza	2135 H De La Rosa Sr. Street	Restaurant	Oil & grease
Cheezer's Gourmet Pizza Soledad Bowl, Bar & Grill	195 Monterey Street	Restaurant	Oil & grease
Raul's Portrait Studio	887 Front Street	Restaurant	Oil & grease
Estrada Produce	501 Andalucia Drive #45	Restaurant	Oil & grease
Santa Maria Produce	120 Inca Drive	Restaurant	Oil & grease
Montiel Produce	195 Monterey St.	Restaurant	Oil & grease
Garcia Produce	258 5th Street	Restaurant	Oil & grease
El Roble Mexican Food	511 Front Street	Restaurant	Oil & grease
Frankie's Grill	185 Kidder St.	Restaurant	Oil & grease
La Fuente Restaurant	101 Oak Street	Restaurant	Oil & grease
Tacos el Jalisciense Soledad	101 N. Front St.	Restaurant	Oil & grease
Ven-A-Mexico	955 Front Street	Restaurant	Oil & grease
Valley Foods	128 Kidder Street	Restaurant	Oil & grease
Foods Co. #387	2443 H De La Rosa Sr. Street	Restaurant	Oil & grease
Soledad Welding & Fabrication	32340 H. Silliman	Welding	Welding rod

APPENDIX e

Storm Drain Markers



Part: ORD

OBTAIN THE ABOVE STORM DRAIN MARKER FROM:

DAS MANUFACTURING, INC.
3610 CINNAMON TRACE DRIVE
VALRICO, FL 33594
800-549-6024 FAX 831-681-5807
E-MAIL: SALES@CURBMARKER.COM

1. STORM DRAIN MARKER TO BE USED ON CITY CATCH BASINS OR OTHER AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
2. APPLY TO CATCH BASIN AT TOP OF CURB, CENTERED.
3. APPLY TO SURFACE WHICH IS FLAT, DRY AND FREE OF ANY LOOSE DEBRIS.
4. ONLY USE MANUFACTURER'S ADHESIVE, ASSURING PROPER COVERAGE PRIOR TO APPLICATION.
5. CONTRACTOR AND DEVELOPERS SHALL PLACE STORM DRAIN MARKERS ON ALL CATCH BASINS.

DEPARTMENT OF PUBLIC WORKS
CITY OF SOLEDAD

TITLE: STORM DRAIN MARKERS		STANDARD PLAN
DESIGNED BY: WAG	<i>Clifton W. Price</i> CLIFTON W. PRICE, DIRECTOR OF PUBLIC WORKS	21 A
DRAWN BY: AB		
CHECKED BY:		
		DATE: 10/18/07
		10/18/07



**CITY OF SOLEDAD
CITY ENGINEER'S OFFICE
IMPROVEMENT PLAN CHECK LIST**

Conference Date & Time: _____

Tract Name: _____ FILE NO.: _____

Engineering Firm: _____

Contact Person: _____

Telephone Number: _____

Assessor's Parcel No.: _____

Plan Check and Inspection Fee Deposit Received by City () City Account # _____

() First Check () Recheck

(2)-Sets of Plans _____

(1)-Set of Hydrology Map and Calculations (Map shall show tributary areas, proposed SD infrastructure and calculation nodes) _____

(2)-Copies of Opinion of Probable Construction Costs _____

(2)-Copies of Geotechnical Report _____

(1)-Set of Sanitary Sewer Map and Calculations (Map shall show tributary areas, proposed SS infrastructure and calculation nodes). _____

(2)-Copies of Approved Tentative Map _____

(2)-Copies of Final Conditions of Approval (Resolutions) _____

(2)-Sets of Final Map Package (includes all record information referenced, lot block and boundary closures, preliminary title report, CA coordinates on each monument see parcel and final map checklist). _____

(2)-Copies NOI & SWPPP _____

(2)-Fixture Unit Calculations for water supply and drainage per UPC. _____

Preliminary Bond Estimate: \$ _____

Final Bond Estimate: \$ _____

I. GENERAL

1. Plans on standard 24"x 36" plan sheets. (Record Drawing Mylar originals due to City prior to acceptance of improvements.)
2. North arrow and scale on each sheet. North up and/or left preferred.
3. Titles and numbers on all sheets and match index.

APPENDIX A
STORM WATER POLLUTION PREVENTION PLAN CHECKLISTS

EPA BASELINE CONSTRUCTION GENERAL PERMIT REQUIREMENTS PRE-CONSTRUCTION CHECKLIST

Storm Water Pollution Prevention Plans

1. A site description, including:
 - The nature of the activity?
 - Intended sequence of major construction activities
 - The total area of the site
 - The area of the site that is expected to undergo excavation
 - The runoff coefficient of the site after construction is complete
 - Existing soil or storm water data
 - A site map with:
 - Drainage patterns
 - Approximate slopes after major grading
 - Area of soil disturbance
 - Outline of areas which won't be disturbed
 - Location of major structural and non-structural controls
 - Areas where stabilization practices are expected to occur
 - Surface waters
 - Storm water discharge locations
 - The name of the receiving water(s)
2. A description of controls:
 - 2.1 Erosion and sediment controls, including:
 - Stabilization practices for all areas disturbed by construction
 - Structural practices for all drainage/discharge locations
 - 2.2 Storm water management controls, including:
 - Measures used to control pollutants occurring in storm water discharges after construction activities are complete.
 - Velocity dissipation devices to provide nonerosive flow conditions from the discharge point along the length of any outfall channel.
 - 2.3 Other controls including:
 - Waste disposal practices which prevent discharge of solid materials to waters of the U.S.?
 - Measures to minimize offsite tracking of sediments by construction vehicles
 - Measures to ensure compliance with State or local waste disposal, sanitary sewer, or septic system regulations
 - 2.4 Description of the timing during the construction when measures will be implemented.
3. Are State or local requirements incorporated into the plans?
4. Are maintenance procedures for control measures identified in the plan?
5. Identification of allowable non-storm water discharges and pollution prevention measures.
6. Contractor certification.
7. Plan certification.

September 1992

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EPA BASELINE CONSTRUCTION GENERAL PERMIT REQUIREMENTS PRE-CONSTRUCTION CHECKLIST

Storm Water Pollution Prevention Plans

1. A site description, including:
 - The nature of the activity?
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 - The total area of the site
 - The area of the site that is expected to undergo excavation
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 - Existing soil or storm water data
 - A site map with:
 - Drainage patterns
 - Approximate slopes after major grading
 - Area of soil disturbance
 - Outline of areas which won't be disturbed
 - Location of major structural and non-structural controls
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 - Storm water discharge locations
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 - 2.1 Erosion and sediment controls, including:
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 - Structural practices for all drainage/discharge locations
 - 2.2 Storm water management controls, including:
 - Measures used to control pollutants occurring in storm water discharges after construction activities are complete.
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 - Measures to ensure compliance with State or local waste disposal, sanitary sewer, or septic system regulations
 - 2.4 Description of the timing during the construction when measures will be implemented.
3. Are State or local requirements incorporated into the plans?
4. Are maintenance procedures for control measures identified in the plan?
5. Identification of allowable non-storm water discharges and pollution prevention measures.
6. Contractor certification.
7. Plan certification.

September 1992

A-1

Appendix A

EPA BASELINE CONSTRUCTION GENERAL PERMIT CHECKLIST

**Storm Water Pollution Prevention Plan
Construction/Implementation Checklist**

1. **Maintain Records of Construction Activities, including:**
 - Dates when major grading activities occur
 - Dates when construction activities temporarily cease on a portion of the site
 - Dates when construction activities permanently cease on a portion of the site
 - Dates when stabilization measures are initiated on the site
2. **Prepare Inspection reports summarizing:**
 - Name of inspector
 - Qualifications of inspector
 - Measures/areas inspected
 - Observed conditions
 - Changes necessary to the SWPPP
3. **Report Releases of Reportable Quantities of Oil or Hazardous Materials (if they occur):**
 - Notify National Response Center 800/424-8802 immediately
 - Notify permitting authority in writing within 14 days
 - Modify the pollution prevention plan to include:
 - the date of release
 - circumstances leading to the release
 - steps taken to prevent reoccurrence of the release
4. **Modify Pollution Prevention Plan as necessary to:**
 - Comply with minimum permit requirements when notified by EPA that the plan does not comply
 - Address a change in design, construction operation or maintenance which has an effect on the potential for discharge of pollutants
 - Prevent reoccurrence of reportable quantity releases of a hazardous material or oil

EPA BASELINE CONSTRUCTION GENERAL PERMIT CHECKLIST

**Storm Water Pollution Prevention Plan
Final Stabilization/Termination Checklist**

1. All soil disturbing activities are complete
2. Temporary erosion and sediment control measures have been removed or will be removed at an appropriate time
3. All areas of the construction site not otherwise covered by a permanent pavement or structure have been stabilized with a uniform perennial vegetative cover with a density of 70% or equivalent measures have been employed

POLLUTION PREVENTION PLAN FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES EROSION AND SEDIMENT CONTROL SELECTION CHECKLIST	
INSTRUCTIONS: THIS CHECKLIST LISTS THE MINIMUM SEDIMENT EROSION CONTROL REQUIREMENTS UNDER THE USEPA GENERAL PERMIT. CHECK [✓] EACH ITEM AND FILL IN THE BLANKS BELOW TO EVALUATE COMPLIANCE FOR EACH DRAINAGE AREA AND LOCATION. NOTE: THIS CHECKLIST WAS PREPARED FOR THE USEPA GENERAL PERMIT. REQUIREMENTS FOR STATE GENERAL PERMITS MAY VARY.	
Stabilization Practices	
<input type="checkbox"/> Stabilization will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14th day after construction activity has permanently or temporarily ceased.	
Stabilization measures to be used include:	
<input type="checkbox"/> Temporary Seeding	<input type="checkbox"/> Sod Stabilization
<input type="checkbox"/> Permanent Seeding	<input type="checkbox"/> Geotextiles
<input type="checkbox"/> Mulching	<input type="checkbox"/> Other _____
Structural Practices	
<input type="checkbox"/> Flows from upstream areas will be diverted from exposed soils. Measures to be used include:	
<input type="checkbox"/> Earth Dike	<input type="checkbox"/> Pipe Slope Drain
<input type="checkbox"/> Drainage Swale	<input type="checkbox"/> Other
<input type="checkbox"/> Interceptor Dike and Swale	
Drainage locations serving less than 10 disturbed acres	Drainage locations serving 10 or more disturbed acres
<input type="checkbox"/> Sediment controls will be installed Sediment controls include:	<input type="checkbox"/> A Sediment Basin will be installed <input type="checkbox"/> A Sediment Basin is not attainable on the site; therefore, the following sediment controls will be installed:
<input type="checkbox"/> Sediment Basin	Sediment Trap
<input type="checkbox"/> Sediment Trap	Silt Fence or equivalent controls along the sideslope and downslope boundaries
<input type="checkbox"/> Silt Fence or equivalent controls along all sideslope and downslope boundaries	Silt Fence or equivalent controls along the sideslope and downslope boundaries
Sediment Basin Runoff Storage Calculation	
_____ X 3,600 = _____	acres area draining to the sediment basin cubic feet of storage/acre cubic feet of storage required for the basin.

APPENDIX F

Draft Survey Form

Storm Water Management Plan Survey

Please complete or select the correct answer(s) to each section.

Section 1 – General

Question #1:

Are you familiar with the City of Soledad Storm Water Management Plan? Please select the correct answer(s)

- Yes
- No
- Little

Question #2

Are you familiar with all the best management practices that have been implemented by the City?

- Yes
- No
- Little

Section 2 - Automobile Maintenance

Question #1

What kind of pollution prevention is implemented when automotive maintenance is conducting? Please explain.

Question #2

When spill happens in your daily work, do you know what to do to contain and clean the spill? Please describe your process.

Question #3

Do you have a floor drain in your shop? If you do, is the floor drain near the automotive maintenance area? Please explain.

Section 3 - Vehicle Washing

Question #1

Is vehicle washing performed indoor or outdoor?

Question #2

Does the City use the service of commercial car wash to clean the City's fleet?

- Yes
- No
- Do not know

Question #3

When a vehicle is wash outdoor, polluted runoff enter the storm drain system. What can be implemented in the City to reduce the impact of car wash runoff?

- a) Use a commercial car wash
- b) Washing cars on gravel, grass, or other permeable surfaces
- c) Pumping soapy water from car washes into a sanitary sewer drain
- d) Using hoses with nozzles that automatically turn off when left unattended.
- e) Using only biodegradable soaps.
- f) Only a & e
- g) All of the above
- h) None of the above

Question #4

When the City's fleet is washed, does the soapy water flow into.....?

- a) The grass
- b) Into the street or driveway
- c) Varies, sometimes one, sometime another
- d) Do not know

Question #6

When you change vehicle oil or equipment oil, how do you dispose of the used oil? What types of pollution prevention are implemented to reduce pollution? Please explain.

Section 4 - Landscape & Pest Control

Question #1

When the landscape area is fertilized, does anyone ever test the soil of the lawn to determine ho much fertilizer is needed?

- a) Yes
- b) No
- c) Do not know

Question #2

How often you use fertilizer on the City's lawn?

- a) Monthly
- b) Two or three times a year
- c) Once a year or less
- d) Do not know

Question #3

When you mow the City's grass, what do you do with the grass clipping? Please explain.

Section 5 - Pet Waste Collection – Source Control

Question #1

If pet waste is a common problem found in your daily activities, do you think the implementation of pet control ordinance to alert residents to the proper disposal techniques for pet dropping could reduce this problem?

- a) Yes
- b) No
- c) Do not know

Question #2

How often you have seen the residents walk their pet (while you performed your daily maintenance activities)?

- a) Always
- b) Never
- c) Sometimes
- d) Do not know

Question #3

How often do you pick up pet waste when you do you maintenance work? For example, landscape maintenance, catch basins clean up?

- a) Every day
- b) Once a week
- c) Once a month
- d) All of the above
- e) None of the above

Question #3

How often you have noticed people pick up their pet waste (while you performed your daily activities)

- a) Always
- b) Never
- c) Sometimes
- d) Do not know

Question #4

How effective education signs, animal waste dispenser and ordinance could reduce the problem?

- a) A lot
- b) Little
- c) None

Section 6 - Illegal Dumping Control

Question #1

Is illegal dumping a problem in the City?

- a) Yes
- b) No
- c) Do not know

Question #2

If illegal dumping is a problem, what type of illegal dumping is more common in the City?

- a) Litter that occurs at abandoned lots
- b) Water that has been exposed to industrial activities

Question #3

If illegal dumping is a problem, what are the driving forces behind illegal dumping?

- a) Ineffective recycling programs
- b) Restrictive curbside trash pickup
- c) Excessive fees
- d) Lack of enforcement
- e) Do not know

Question #4

Please let us know what will be the best way to control illegal dumping?

- a) Public Education
- b) Citizen Participation
- c) Site Maintenance
- d) Enforcement
- e) Do not know
- f) None

Section 7 - Street Sweeping

Question #2

How old are the City's sweeper units?

- a) One year
- b) Five Years
- c) Less than Five Years
- d) More than Five Years
- e) Do not know

Question #2

What are the conditions of the City streets?

- a) Good
- b) Average
- c) Poor
- d) Do not know

Question #3

Do the residents know the schedule of the sweeper (day and time)?

- a) Yes
- b) No
- c) Some
- d) Do not know

Question #4

Does the City have a fixed schedule (day and time)?

- a) Yes
- b) No
- c) Sometimes
- d) Do not know

Question #5

What is the major cause that difficult the use of a sweeper in a street?

- a) Water along the gutters
- b) Parked cars along the street
- c) Street conditions
- d) Not having enough sweepers available
- e) Not having enough staff trained to do the work
- f) Operator's skill
- g) Sweeper condition (too old) to do the work
- h) Proper disposal of swept materials
- i) Inability of current sweeper technology to remove oil and grease
- j) Do not know
- k) None

Question #6

In your opinion, are the current sweepers removing sediments buildup and large debris from curb gutters?

- a) Yes
- b) No
- c) Sometimes
- d) Do not know

Question #7

In your opinion, what will be the best way to improve the existing sweeper program (if you believe the current program is not removing all the sediments)?

- a) Replace the existing unit with a new model
- b) Replace the existing unit with a vacuum-assisted dry sweeping unit
- c) Trained staff
- d) Implement a better schedule system
- e) Not having parked cars along the street
- f) Do not know
- g) Nothing, everything is ok

Section 8 - Storm Drain System Cleaning

Question #1

Storm drains system need to be cleaned regularly. Routine cleaning reduces the amount of pollutants, trash and debris both in the storm drain system and in receiving water.

Question #2

In your opinion, is the existing storm drain system cleaning program doing a good job in reducing the amount of pollutants, trash and debris found in the system?

- a) Yes
- b) No
- c) Sometimes
- d) Do not know

Question #3

Do you know how often the storm drain system is cleaned?

- a) Yes
- b) No

Question #4

In your opinion, routine maintenance needs to be increase in order to remove all the pollutants from the system?

- a) Yes
- b) No
- c) Do not know

Question #5

If you believe routine maintenance needs to be increase, how often would you like to increase the routine?

- a) Twice a month
- b) Monthly
- c) Twice a Year
- d) Keep the same routine

Question #6

What are the most common pollutants found inside the catch basins?

- a) Debris
- b) Cement
- c) Tires
- d) Umbrellas
- e) Wood
- f) All of the above
- g) None of the Above
- h) Do not know

Question #7

In you opinion, what will be the best way to improve the existing storm drain system cleaning program?

- a) Increase the frequency
- b) Increase the staff training
- c) Upgrade the existing cleaning equipment
- d) Nothing, everything is ok
- e) Replace some of the existing catch basin units to facilitate work
- f) Do not know

Question #8

If you believe upgrading the existing cleaning equipment is the best way to improve the existing storm drain system, what type of equipment would you like the Cit to purchase.

- a) Vactor Truck
- b) Vacuum
- c) _____(suggest equipment)
- d) _____(suggest equipment)
- e) Do not know

Question #9

What are the sections that need more routine maintenance?

Section 9 - Hazardous Material Storage

Question #1

Are you familiar with the existing hazardous material storage program?

- a) Yes
- b) No
- c) Little

Question #2

Are the signs on hazardous material storage containers properly displayed?

- a) Yes
- b) No
- c) Do not know

Question #3

Is the staff properly trained to identify the meaning of hazardous signs?

- a) Yes
- b) No
- c) Do not know

Question #4

Is the staff properly trained to storage hazardous material?

- a) Yes
- b) No
- c) Do not know

Question #5

Is the hazardous material storage containers water proof?

- a) Yes
- b) No
- c) Some
- d) Do not know

Question #6

Where is the hazardous material storage containers located?

- a) Inside
- b) Outside
- c) Both
- d) Do not know

Question #7

In your opinion, what will be the best way to improve the existing hazardous storage program?

- a) Leave enough space between containers to improve inspection and facilitate transportation.
- b) Store materials away from high traffic areas to reduce accidents that might cause spills or damage drums, bags or containers
- c) Stacking containers in accordance with manufactures' directions
- d) Storing containers on pallets to facilitate inspection for leaks and prevent the containers from coming into contact with wet floor
- e) Delegate the responsibility for management of hazardous materials only to personnel trained and experienced in hazardous substance
- f) Cover hazardous material to reduce potential contact with storm water and wind.
- g) Covered or enclosed hazardous storage area
- h) Nothing, existing program works
- i) Do not know

If you want to add more comments regarding Storm Water Pollution Prevention or the existing Storm Water Management Plan, please use the attached sheet to write your comments.

Thank you for the survey your information will help the Storm Water Coordinator to improve the existing Best Management Practice that will assist in the reduction of Storm Water Pollution.

