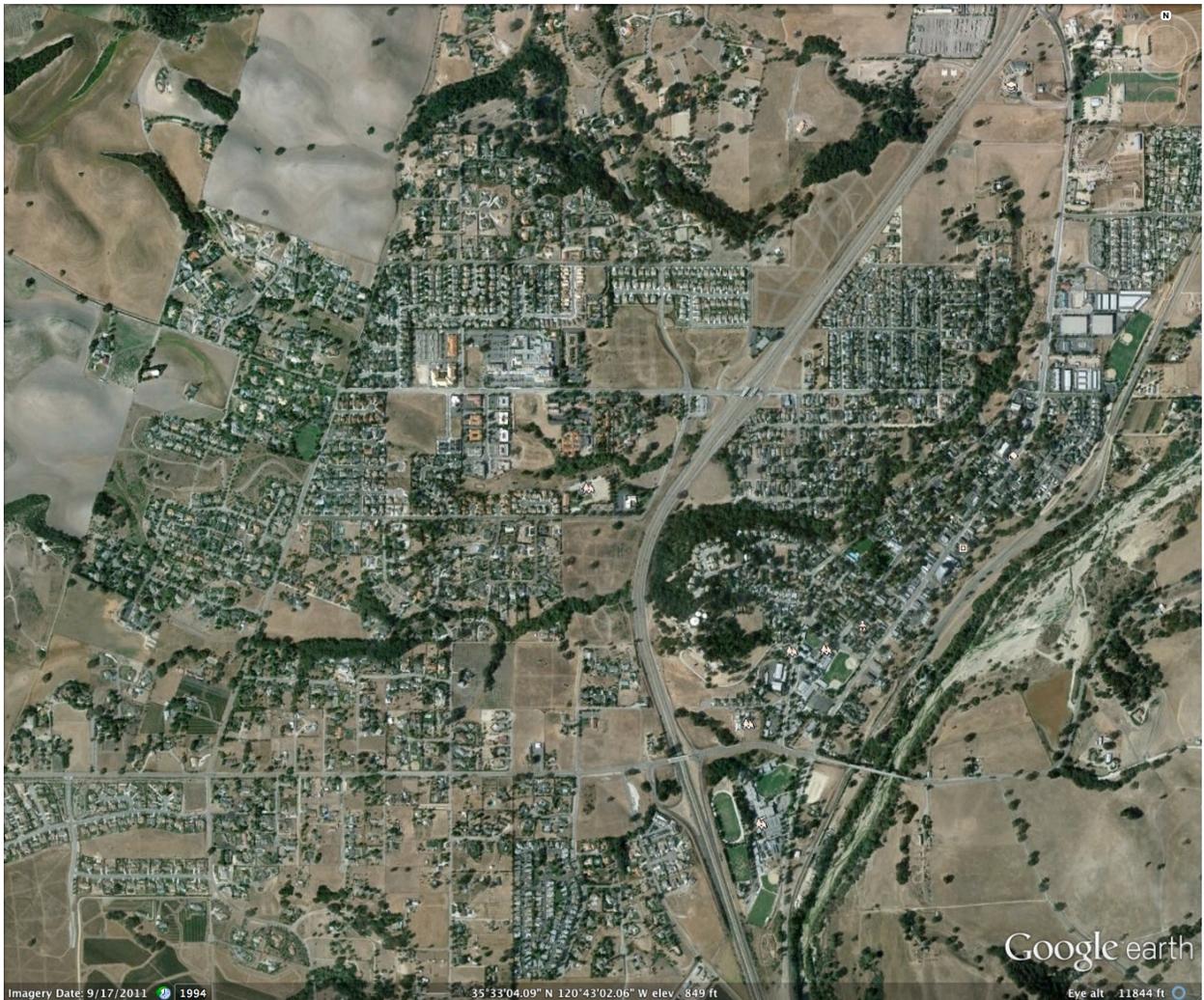


TOAD CREEK WATERSHED REPORT

February 18, 2013



The Toad Creek watershed addressed in this report is approximately 8 square miles. It is roughly bound by Vineyard Drive on the south, the Salinas River to the west, the Main Street - Highway 101 interchange about a .25 mile to the north and extends approximately 3.5 miles northwest of Templeton to beyond Highway 46.

Prepared for Templeton Area Advisory Group
Approved for Distribution on February 21, 2013

TOAD CREEK WATERSHED REPORT
February 18, 2013

This page is blank.

TOAD CREEK WATERSHED REPORT
February 18, 2013

TABLE OF CONTENTS

PARTICIPANTS 4

SCOPE OF WORK 4

GOVERNANCE BACKGROUND..... 5

OVERVIEW OF COMMITTEE ACTIVITIES..... 6

COMMITTEE CONSENSUS – TASKS STARTED AND ABANDON – TASKS REMAINING..... 8

COMMITTEE RECOMMENDATIONS 11

COMMITTEE COMMENTS – DRAFT STUDY AND ADDENDUM 14

PLANNING DOCUMENTS USED BY COMMITTEE 20

EXHIBITS 21

GLOSSARY OF ACRONYMS 26

TOAD CREEK WATERSHED REPORT

February 18, 2013

PARTICIPANTS

Toad Creek Drainage Committee

Dorothy Jennings, Chair and TAAG

Jeff DeBrish, TAAG

Bill Pelfrey, TAAG

Greg O'Sullivan, TCSD representative

Ron Whisenand, Toad Creek property owner

Jim Wood, Templeton resident

The Committee wishes to thank staff from county Public Works and the Upper Salinas-Las Tablas Resource Conservation District for their assistance. Their contribution was pivotal to the Committee moving ahead with their assignment.

Paavo Ogden, Director of SLOC Public Works

Dave Flynn, Deputy Director of SLOC Public Works

Laura Edwards, Executive Director of US-LT RCD

Jillian Cole, Project Engineer, US-LT RCD

The Committee also wishes to thank the Robert Miller family for giving the Committee permission to follow Toad Creek as it flows through their property from Main Street to the Salinas River.

SCOPE OF WORK

Review and make recommendations to TAAG on the San Luis Obispo Flood Control and Water Conservation District Templeton Drainage and Flood Control Study Draft dated February 2011 and (undated) Templeton Drainage and Flood Control Study-Project 8 Addendum prepared by North Coast Engineering, Inc.

Public Works asked the Committee to include "What does the community want?"

Cost estimates were not reviewed and funding was not addressed.

Special Acknowledgement

The Committee wishes to recognize former TAAG Chairman Nick Marquart whose leadership led to the formation of this committee and for his encouragement that kept us going during many months that seemed unproductive.

TOAD CREEK WATERSHED REPORT

February 18, 2013

GOVERNANCE BACKGROUND

The San Luis Obispo County Board of Supervisors is elected to represent and make decisions according to California Government Code. The General Plan Guidelines dated 2003 explains.

California state law requires each city and county to adopt a general plan “for the physical development of the county or city, and any land outside its boundaries which bears relation to its planning” (§65300). The California Supreme Court has called the general plan the “constitution for future development.” The general plan expresses the land outside its boundaries which in the planning agency’s judgment bears relation to its planning” (§65300). For cities, this means all territory within the city limits, both public and private. Counties must address all unincorporated areas.

California Government Code also allows the creation of special districts. Under this state provision the Board of Supervisors established the San Luis Obispo County Flood Control and Water Conservation District (FCWCD) in 1937. Examples of FCWCD activities are the Nacimiento pipeline project and Paso Robles Groundwater Basin studies. The Integrated Regional Water Management Plan (IRWMP) adopted by the district in 2007 is in a similar fashion the “constitution for future development.” The IRWMP recognizes the General Plans of the seven cities and the General Plan for the unincorporated areas of the County. The IRWMP discusses in depth how and where these many plans are suppose to interact cohesively.

Elected supervisors routinely give direction and make decisions in performing their responsibilities in these two roles. It was necessary for our committee to become aware and knowledgeable of the interaction of these roles and the framework under which each role operated. This was key to understanding the setting for the Templeton Drainage Study and ultimately how the committee arrived at its recommendations in this report.

Finally we would like to point out that the County Department of Public Works serves the Board under the county General Plan and under the Integrated Regional Water Management Plan (IRWMP). Staff reports usually indicate what planning documents apply. A Public Works’ organization chart can be helpful.

TOAD CREEK WATERSHED REPORT

February 18, 2013

OVERVIEW OF COMMITTEE ACTIVITIES

The Templeton Area Advisory Group (TAAG) established the Toad Creek Drainage Study Committee, henceforth referred to as Committee, in April 2011. At that time the Committee's charter was to review the Templeton Drainage and Flood Control Study Draft dated February 2011 and respond back to TAAG with recommendations in 60 days.

Due to the complexity of the issues being reviewed, the 60-day task was extended and the Committee has been in place since its initial formation in April 2011. Since April 2011 the Committee met 15 times. During that time more than a hundred pages of material such as approved meeting notes, charts and maps, and working papers were created. The Committee drew from that collection of material as well as other references to prepare this report. See Planning Documents Used by Committee on page 20 and Exhibits, pages 21-25.

Under the direction of Public Works, the Templeton Drainage and Flood Control Study Draft was prepared by North Coast Engineering (NCE). The draft study's downstream boundary of the Toad Creek watershed terminated at Main Street ignoring creek flow from Main Street to the Salinas River. The draft study proposes seven (7) projects, some having phases or multiple components. In total there are eleven (11) discrete proposed actions with a capital cost of \$2 million dollars. The community first became aware of this study in April 2011 when a presentation was made to TAAG. At that meeting, Public Works requested community feedback and Chairman Nick Marquart created the Committee.

From the beginning, Public Works took the position that since Toad Creek flowed through private property, it was the property owners responsibility to perform creek maintenance when required. Public Works requested TAAG or the TCSD or another community organization or the owners themselves to take on this responsibility. This became an important topic the Committee monitored during its many meetings. We were encouraged that the Upper Salinas-Las Tablas Resource Conservation District obtained a contract with Public Works to begin addressing private ownership responsibilities.

In general the Committee functioned at a 'community' and land use perspective. The Committee did not have the technical expertise to review hydrology and deemed engineering analysis out of the scope of their work. The Committee did not address costs or funding.

Public Works encouraged the Committee to establish stakeholder goals. Public Works supplied the Committee with a process flowchart on how drainage projects had been handled in other communities in the past. Examples cited were Oceano, Santa

TOAD CREEK WATERSHED REPORT

February 18, 2013

Margarita and Cambria. The Committee as representatives of the Templeton community established its goals early in the process.

Stakeholder Goals

- Toad Creek shall be restored and protected.
- Provide technical and policy input on the County's draft Templeton Drainage Study.

Sometime after Committee activities were well along, TAAG added another task. The task was to review Section III Drainage Plan and Guidelines of the Templeton Community Design Plan and make recommendations. This assignment seemed reasonable given the Committee's immersion into Toad Creek issues. This task was to be undertaken when time permitted and to be considered a lower priority task. It remains as an unfinished task.

During the many committee meetings some consensus was reached easily and in other situations there was intense discussion. To keep track of these small accomplishments a log was maintained. The log lists statements and meeting date(s) when consensus was reached and /or when all Committee members acknowledged information. The log is included in this report.

In August 2012 Public Works supplied the Committee with a draft Project 8 Addendum to the draft February 2011 report. The addendum added approximately 300 acres to the study area. As a result the Toad Creek downstream boundary was moved from Main Street to the Union Pacific Railroad tracks. This additional area included a small northern tributary of Toad Creek. Thus the number of proposed projects was increased from seven (7) to eight (8) and the discrete actions from eleven (11) to thirteen (13).

This addendum was in response to several Committee discussions. It examines the feasibility of adding two new projects to the study. Project 8A addresses a single alternate location for storm water retention versus two proposed in the February draft report called Projects 4 and 6. Project 8A examined allowing the existing creek flow to continue and allowing the collection of storm water within existing floodplain areas on the east side of Highway 101 instead of retaining storm water west of Highway 101.

Project 8B is a retention area within an existing floodplain serving to collect storm water for the 300-acres added to the draft study area. This acreage is located north and east of the Main Street-Highway 101 interchange extending to the railroad tracks.

Projects 8A and 8B benefit the community because they would recharge the Templeton-Atascadero sub-basin, which is the source for Templeton drinking water. Due to geological conditions that coincidentally occur along Highway 101 holding storm water for percolation west of Highway 101 does not benefit the sub-basin.

In September 2012 the Committee decided while there were a number of unfinished tasks it was unlikely that completing them would yield any significantly new information. Therefore it was now time to set the unfinished tasks aside and prepare a report.

Finally, Public Works asked the Committee to include in its recommendations "What does the community want?" This report incorporates that request.

TOAD CREEK WATERSHED REPORT

February 18, 2013

COMMITTEE CONSENSUS – TASKS STARTED AND ABANDON – TASKS REMAINING

Committee Consensus

Each meeting agenda and respective meeting notes included a running log of areas of consensus and/or information that all members accepted. Dates refer to the meeting(s) where these statements were discussed.

1. Toad Creek is a wild creek. 11/15/11; 1/12/12
2. The Arroyo Grande Creek HCP is a costly and time-consuming activity. As to whether this is a model for studying other watersheds, the concept could be applied to Toad Creek. 11/15/11
3. It was concluded and agreed that flooding in Templeton within floodplain boundaries as determined by FEMA was OK. Therefore this type of flooding was permissible flooding. 1/12/12
4. NCE who prepared the draft study was looking for “soft improvements” rather than proposing improvements such as culverts, roads and bridges. 1/12/12
5. Stakeholder Goals 1/12/12
 - Toad Creek shall be restored and protected.
 - Provide technical and policy input on the County's draft Templeton Drainage Study.
6. Study is expanded to include an unnamed northern tributary located north of the Main Street interchange, which flows into a Toad Creek floodplain and the area between the east side of Main Street to the Union Pacific Railroad tracks. Combined this adds 200 - 300 acres to the study. 3/8/12; 5/10/12
7. The Templeton Community Design Plan was acknowledged as an area standard. 3/8/12; 6/14/12
8. Committee members, who are residents, wish to concentrate on three identified pinch points in the Toad Creek watershed. They are Salinas Ave and Eddy Street downstream to below Las Tablas Road; North Main Street culverts; and the Union Pacific Railroad tracks. 4/12/12; 6/14/12
9. The County Flood Control and Water Conservation District will not be seeking changes to FEMA maps. 5/10/12

TOAD CREEK WATERSHED REPORT

February 18, 2013

10. Construction of in-stream detention basins within a 'blue line stream' requires various state and federal regulatory agency permits. The Army Corp would have to review and permit. email 6/18/12
11. Public Works stated the Integrated Regional Water Master Plan (IRWMP) is a broad document. The IRWMP [adopted in 2007] is a basic framework or a model. The IRWMP is not directing. Therefore Public Works will not expand the study eastern boundary to include the Toad Creek – Salinas River confluence. 7/12/12
12. The Drainage and Flood Control studies for the communities of Cambria, Cayucos, Nipomo, Oceano, San Miguel and Santa Margarita were authorized before the Integrated Regional Water Management Plan (IRWMP) was adopted. 7/12/12
13. Public Works stated a drainage plan is driven by what the community wants; what is appropriate for Templeton. 7/12/12
14. Community residents want the entire Toad Creek watershed studied per the policies in the IRWMP approved in 2007 and Conservation and Open Space Element approved in 2010. 7/12/12; 8/9/12
15. Public Works stated the drainage study could not be expanded to include storm water recharge of the Templeton-Atascadero sub-basin because re-charge areas have not been studied and identified. 7/12/12
16. TCSD staff has established a new policy not to sell any more credits for the Tom Jermin, Sr. (Bethel) Park detention basin until a complete analysis of what has been sold is completed. 8/9/12

Tasks Started and Abandon

During our many meetings, there were a few tasks that were started and remain incomplete. Although the task(s) had been envisioned to satisfy questions raised at meetings, just the opposite occurred. Some were delayed awaiting the completion of a prerequisite task. Ultimately when the controversy could not be resolved, the task(s) were set aside. In September 2012 the Committee decided to abandon open tasks in favor of preparing its report to TAAG.

1. Mitigation Methods Matrix Table
There was an undated first draft and an undated revised draft. The Committee prepared an alternative entitled Matrix Evaluating Consistency with adopted Plans and Other Critical Items dated May 2010
2. Templeton Area Development Projects List and Map
3. Storm water runoff from completed jobs should be added to revised study
4. "Mini" CEQA Initial Study Checklist for 2 proposed projects

TOAD CREEK WATERSHED REPORT

February 18, 2013

[Project 3] Salinas Avenue (near Eddy Street) Culvert Upgrade Project, Abbreviated Initial Study Checklist and [Project 6] South Branch Detention Basin (Jordan Lane) Project, Abbreviated Initial Study Checklist dated July 5,2012

5. Elevation maps for Project 4 (Tennis Ranch) and Project 6 (Jordan Lane), showing current flood levels, site disturbance and overflow

Tasks Remaining

Templeton Community Design Plan

In December 2011, TAAG asks the Committee to review Section III. Drainage Plan and Guidelines in the Templeton Community Design Plan.

TOAD CREEK WATERSHED REPORT

February 18, 2013

COMMITTEE RECOMMENDATIONS

The objective of this part of the report is twofold. First it is intended to answer the question “What does the community want?” Secondly it lists the Committee’s recommendations for the revision of the draft study dated February 2011 and proposed addendum presented in August 2012, hereafter referred to as draft study. This list is in no particular order or priority. However for convenience the recommendations are numbered and grouped into two hierarchical categories called general and detailed.

General Recommendations

1. Recognize the draft study boundaries that included Toad Creek upstream and west of the Templeton Urban Reserve Line (URL) shall also include Toad Creek downstream and east of the Templeton URL to its confluence with the Salinas River.
2. Ensure that the revised draft study is consistent with the Integrated Regional Water Management Plan (IRWMP) and Conservation and Open Space Element (COSE) both of which emphasize watershed management, a holistic approach, rather than a limited flood control approach.
3. Incorporate into a revised study the Habitat Conservation Plan (HCP) model as suggested in the IRWMP and which was previously agreed to by the Committee:
“The Arroyo Grande Creek HCP [Habitat Conservation Plan] is a costly and time-consuming activity. As to whether this is a model for studying other watersheds, the concept could be applied to Toad Creek. 11/15/11”
4. Recognize that while Toad Creek is currently an unmanaged and uncontrolled creek any proposed creek management project in a revised study shall have as its highest priority to create and/or maintain the natural resources of the creek.
5. Recognize the Templeton Urban Area Standards in the county Land Use Ordinance calling for “preserve natural features” such as Toad Creek and “restore habitat” shall be a condition of retention /detention basin development in a revised study.
6. Ensure compatibility with planned trail improvements for a Toad Creek Trail as called for in the Parks and Recreation Element and that a trail segment shall be a condition of retention /detention basin development in a revised draft study.
7. Track road improvement projects associated with Toad Creek storm water road deficiencies through the Templeton circulation priority process since these projects have been added to the Capital Improvements Projects list in the 2012 Update of the Templeton Circulation Study.

TOAD CREEK WATERSHED REPORT

February 18, 2013

8. Support the Upper Salinas-Las Tablas Resource Conservation District, who recently published the Creek Stewardship Guide for SLO County, to continue to work with county Public Works in order to achieve a countywide Volunteer Stream Stewardship Program. The Committee recommends that the program when fully implemented include:
 - educating private property owners adjacent to creeks as to necessary maintenance issues such as responsibility, consequences of not maintaining creeks, plus that which is allowed within riparian areas and what restrictions are imposed by other regulating agencies when working in riparian areas
 - obtaining necessary permits from all regulatory agencies that will permit maintenance activities to occur;
 - arranging contracts for manpower (CCC, Fire Crew, etc.);
 - identifying funding opportunities.
9. Recognize that the county annually proclaims October as “Salmon and Steelhead Awareness Month” as a sign of our heritage and that steelhead trout once traveled up Toad Creek; therefore restoring Toad Creek for the migration of steelhead is a component of habitat restoration.

Detailed Recommendations

10. Ensure all planning documents involving drainage/flooding issues (particularly the General Plan and the Templeton Community Design Plan) are consistent with one another and applied to all future proposed drainage/flooding projects, subdivisions, and /or development projects.
11. Ensure that storm water runoff from all existing development is added to a revised study and storm water runoff from approved projects is added with an appropriate note.
12. Ensure FEMA maps used in a revised study are included in the study or clarify where these maps can be found.
13. Incorporate maps into a revised study that includes existing flood hazard zones, flood elevations if retention /detention basins are constructed, the extent of site disturbance and where overflow water will go.
14. Request the Templeton Community Services District establish a new policy, confirming a previously stated General Manager policy to the Committee, not to sell any more credits for the Tom Jermin, Sr. (Bethel) Park detention basin until a complete analysis of what has been sold is completed:
 - to determine if the drainage credits sold match the capacity of the existing detention basin and
 - to develop a plan, if the basin is under capacity, to match the credits sold.
15. Locate future retention /detention basins where the natural resources of Toad Creek are least impacted and use the following criteria:
 - not use or compromise existing areas set aside as a condition of development (such as creek set backs, open space, trail easements, etc.)

TOAD CREEK WATERSHED REPORT

February 18, 2013

- use existing Flood Hazard Zone (floodplain) area(s)
 - be located on disturbed land such as where agricultural activities occur or have occurred, or where the river course or riparian areas have been altered
 - re-establish a natural creek course where the creek has been relocated for man's convenience
 - re-vegetate the Flood Hazard Zone (floodplain) and restore riparian habitat per Templeton Urban Area Standards
 - consider areas that could serve to re-charge the Templeton-Atascadero sub-basin (Templeton's drinking water source)
 - construct basins to be shallow with natural contours and no fencing required (NOT replicating the Twin Cities Hospital retention basin along Las Tablas Road or constructing basins with depths of 8-15 feet as proposed in the draft study)
 - plan for a segment of the Toad Creek Trail
 - compare alternate locations and higher priority shall be given to areas where there is a potential for dual use, for example the retention basin in Tom Jermin, Sr. Park
 - compare alternative locations and higher priority shall be given to partnering with other agencies or with willing land owners
 - not impact residential neighborhoods
 - coordinate with state and federal agencies and the Union Railroad to ensure these agencies /railroad will be cooperative partners
16. Conduct a study if or when detention basins are proposed:
- to assess the impact on neighborhoods
 - to ensure the basins do not negatively impact property improvements including but not limited to buildings, equipment, outdoor use areas, landscaping, pools, water wells and septic systems (particularly along Toad Creek west of 101 to Santa Rita Road known as Project 4).
17. Prepare a study identifying vector control issues and appropriate mitigation strategies that is approved by County Environmental Health prior to the construction of any retention /detention basin(s).

TOAD CREEK WATERSHED REPORT

February 18, 2013

COMMITTEE COMMENTS – DRAFT STUDY AND ADDENDUM

Draft Study's Limited Scope – Drainage – Posed Issues

This section of the report is intended to provide an overview of issues discussed early on by the Committee that posed dilemmas with how the draft study was put together. Below is a list of Committee's comments that might have improved the draft study's information and findings.

- The draft Templeton Drainage and Flood Control Study was presented to TAAG in April 2011. At that meeting TAAG initiated the Toad Creek Drainage Committee
- Prior to the April 2011 presentation the community had not been included in the NCE Toad Creek study. (Having the community involved/engaged early in the process would have helped stakeholder buy in, but more importantly help provide better information for the study.)
- Draft study did not reference already adopted planning documents that have expanded parameters for administering watershed responsibilities:
 - Integrated Regional Water Management Plan (2007)
 - Conservation and Open Space Element (2010)
 - Park and Recreation Element (2006)
 - Templeton Urban Area Standards (2003):
more restrictive protections about natural features such as Toad Creek have been incorporated into the Templeton Urban Area Standards. The standard also requires restoration of Toad Creek habitat when development occurs (such as a retention/detention basin).
- Report/staff discussions appear to have pursued suggestions from an outdated Templeton Community Design Plan (TCDP) adopted by the Board of Supervisors in 1990.
 - Since 1990 population (and resulting construction/hardscape) has doubled
 - Other Templeton Urban Area Standards are more restrictive

Without incorporating the aforementioned planning documents the draft study is incomplete addressing only half (Engineer's portion) of the drainage issue equating to the exclusion of environmental watershed issues and recreational amenities.

Comments on Projects

The Templeton Drainage and Flood Control Study Draft plus Addendum identify thirteen (13) separate projects. Eleven of these projects can be found on page iii of February 2011 draft report and the last two in the draft Addendum.

TOAD CREEK WATERSHED REPORT

February 18, 2013

The projects proposed fall into three general categories: those involving private property through which Toad Creek flows, undersized culverts and other county road deficiencies, and proposed storm water retention basins including an alternative proposal.

The pages that follow are general comments from the Committee regarding the categories described above.

Private Property

Draft Study and Addendum Project List

Project	Project Location
1 Phase 1	Channel from Main Street to Las Tablas Road, vegetation removal
1 Phase 2	Channel from Las Tablas Road to Eddy Street, vegetation removal
1 Phase 3	Channel from Eddy Street to Florence Street, vegetation removal
2 Phase 1	Channel from Main Street to Las Tablas Road, sediment removal
2 Phase 2	Channel from Las Tablas Road to Eddy Street, sediment removal

The Upper Salinas-Las Tablas Resource Conservation District recently published Creek Stewardship Guide for SLO County. It can be found at - <http://us-ltrcd.org/wp-content/uploads/2012/08/CREEK-STEWARDSHIP-FINAL-WEB.pdf>. This brochure was developed under a contract with Public Works. The RCD is currently discussing next steps with the County.

The US-LT RCD and the Coastal San Luis Resource Conservation District have recently been awarded a grant to identify watershed data gaps in the county. The US-LT RCD will be focusing on north county watersheds. The Toad Creek watershed is part of the much larger Salinas River watershed.

TOAD CREEK WATERSHED REPORT
February 18, 2013

County Road Deficiencies

Draft Study and Addendum Project List

Project	Project Location	Templeton Circulation Study
3	Increase culvert and channel capacity, Salinas Ave and adjacent properties	12-01
5	Upsize culvert and add inlets on South Bethel and Godell Street	12-02
7A	Increase channel capacity at Main Street Bridge and adjacent properties	12-03
7B	Increase culvert capacity at Main Street Bridge and adjacent properties	12-04

These projects were added to the 2012 Update of the Templeton Circulation Study. They can be found on the Capitol Improvements Projects (CIP) list under Additional Projects. They are numbered 12-01 through 12-04 as show above.

These projects are considered existing deficiencies. It is the Committee’s understanding that traffic impact fees collected from developers can not be used.

A schedule of road impact fees is annually prepared by Public Works, reviewed by TAAG, and approved by the Board of Supervisors.

Every five years all projects are evaluated and given a priority ranking. Having projects 12-01 through 12-04 on the CIP list provides more visibility and therefore funding opportunities where none existed earlier.

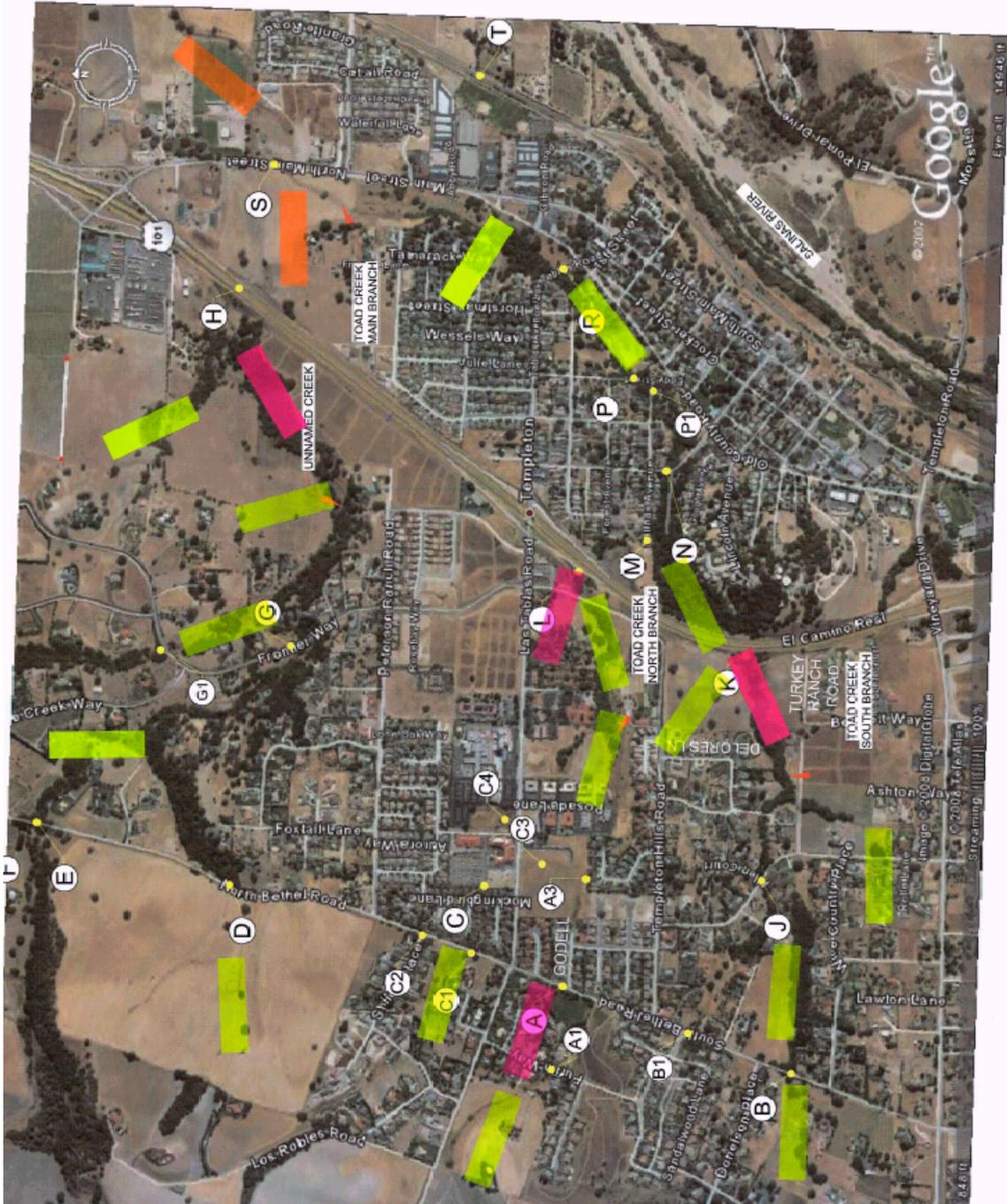
Future consideration should be given to redefine the Templeton Circulation Study Projects 12-03 and 12-04 in conjunction with retention /detention basins discussed on the next page. When combined these projects would consist of a shallow 100-year storm water basin covering areas on both sides of Main Street. Main Street improvements would be designed to accommodate the flood basins without overflowing Main Street.

TOAD CREEK WATERSHED REPORT

February 18, 2013

Proposed Retention Basins and Alternative Locations

Draft study map with Committee Recommendations (Exhibit List # 5 and # 40)



Orange flags = Committee's Primary Recommendation
Pink flags = existing basins and draft study proposed basins near H and K
Yellow flags = Committee's Complex Recommendation of stream alterations, rejected

TOAD CREEK WATERSHED REPORT

February 18, 2013

Draft Study and Addendum Project List

Project	Project Location		Draft Study Map (pervious page)
4	Construct regional detention basin with bridge crossing – Jordan Lane		H
6	Construct regional detention basin – Tennis Ranch		J
New	Addendum		
8A	Detention/Retention – west of Main Street		Main Street basin on both sides of Main Street – shown with orange flags
8B	Detention/Retention – east of Main Street		Not shown on this map

“Preservation of natural features”, a Templeton Urban Area Standard, is a condition of development.

The Committee is of the opinion that Projects 4 and 6 are not suitable for regional basins. The Committee is concerned that raising the storm water level would become an attractive nuisance. Most of the area around Project 4 has already been developed. When vacant land in the vicinity of Project 4 is developed, it must be expected to contain its additional storm water runoff caused by development on site. The Project 6 site is an open space parcel intended to protect an existing riparian area and part of an approved development.

Stakeholder goals affirm the importance of preserving Toad Creek as well as restoring and enhancing Toad Creek when development occurs. This is why Project 8A is preferred over Projects 4 and 6.

Other reasons Project 8A is a better choice are – there would be no disruption of a neighborhood, this is an existing Flood Hazard Zone (floodplain), land is vacant, and area is suitable for re-charging the Atascadero-Templeton sub-basin.

The purpose of Project 8B is to provide a drainage basin to accommodate about 300-acres that has been added to the study area. A culvert beginning on the west of Theatre Drive under Highway 101 and Ramada Drive is filled with sediment and scheduled for maintenance.

Other suggestions include – Project 8A and B should be one continuous shallow floodplain, the area should be re-vegetated to include a possible oak woodland and have no fencing. This area could serve a dual purpose such as recreation.

TOAD CREEK WATERSHED REPORT

February 18, 2013

Future consideration should be given to rethink the interaction of Projects 8A and 8B and road improvement projects that have been incorporated into the Templeton Circulation Study. These road improvements called Projects 12-03 and 12-04 in the Templeton Circulation Study pertain to Toad Creek culverts under Main Street. The intent would be to accommodate a shallow 100-year storm water basin that does not overflow Main Street.

TOAD CREEK WATERSHED REPORT

February 18, 2013

PLANNING DOCUMENTS USED BY COMMITTEE

1. Conservation and Open Space Element (COSE). An element of the county General Plan adopted May 2010
2. Integrated Regional Water Management Plan (IRWMP). Approved in 2007 by the San Luis Obispo County Flood Control and Water Conservation District (FCWCD)
3. Guide to Implementing Flood Control Projects. Adopted December 2009 and part of the Integrated Regional Water Management Plan
4. Parks and Recreation Element (PRE). An element of the county General Plan adopted December 2006
5. Salinas River Area Plan, Land Use and Circulation Element, part of the county General Plan
6. Templeton Urban Area Standards, Land Use Ordinance, Title 22
7. Templeton Community Design Plan (TCDP). Adopted by the Board of Supervisors in 1990 and incorporated into Templeton Urban Area Standards in 2003

TOAD CREEK WATERSHED REPORT

February 18, 2013

EXHIBITS

2009

1. Report dated February 2009 Draft; Templeton Master Drainage Study, Preliminary Hydrology and Field Reconnaissance, prepared by North Coast Engineering

2011

2. Report dated February 2011 Draft; Templeton Drainage and Flood Control Study prepared by North Coast Engineering
3. Map 36" x 24" undated prepared by North Coast Engineering; Exhibit A Overall Drainage Map (topography with separate drainage areas and study locations)
4. Map 36" x 24" undated prepared by North Coast Engineering; Exhibit B Templeton Drainage Area (aerial with separate areas with separate drainage areas and study locations)
5. Map 36" x 24" undated prepared by North Coast Engineering; Exhibit C Areas of Interest Map (aerial with project locations)
6. Memorandum dated April 21, 2011 to TAAG from Jill Ogren and Raymond Dienzo, Public Works; Subject: Scope and Purpose of Templeton Drainage and Flood Control Study
7. Presentation April 21, 2011 to the Templeton Area Advisory Group; Public Works' by Raymond Dienzo, request for community feedback; TAAG forms subcommittee
8. Memorandum dated April 21, 2011 to Raymond Dienzo, Utilities Engineer, Public Works from Dorothy Jennings [TAAG]; Subject: Templeton Drainage and Flood Control Study Draft dated February 2011, TAAG Meeting April 21, 2011. Agenda Item 7, Presentation
9. Raymond Dienzo, Public Works, provides a copy of their presentation to TAAG
10. Letter from Martin McAulay undated to Templeton Drainage Study Committee; Toad Creek property owner; restoration should be primary goal; secondary should be guidance on creek maintenance and permit streamlining
11. Meeting agenda dated May 5, 2011 for Templeton Drainage Study Committee
12. Photos taken 1992 by Miller family showing Main Street flooding

TOAD CREEK WATERSHED REPORT

February 18, 2013

13. Photos taken December 2010 by Miller family showing flooding of Main Street and other locations
14. Meeting agenda dated May 15, 2011 for Templeton Drainage Study Committee
15. Memorandum dated May 19, 2011 to Raymond Dienzo, PE, Public Works from TAAG Drainage Study Committee; Subject: Templeton Drainage Flood Control Study Draft dated February 2011
16. Meeting agenda dated June 10, 2011 for Templeton Drainage Study Committee
17. TAAG meeting minutes of August 16, 2011; TAAG reviews status of Committee's work per 60-day time limit, asks Committee to continue work
18. TAAG meeting minutes of October 20, 2011; Paavo Ogren, Director of Public Works, presents Public Works response dated September 14, 2011 to memorandum dated April 21, 2011 from TAAG and memorandum dated May 11, 2011 from TAAG Drainage Study Committee; offers to assist committee
19. Memorandum dated September 14, 2011 to TAAG from Paavo Ogren, Public Works Director; Subject: Templeton Drainage and Flood Control Study (Draft Study) dated February 2011 – Response to Questions from TAAG
20. Memo dated November 3, 2011 to Templeton Drainage Study Committee members from Dorothy Jennings; Subject: Public Works letter to TAAG dated September 14, 2011; disagreements with IRWMP, 6 issue papers dated 11/04/11
21. Meeting Notes for November 15, 2011 meeting of [TAAG] Templeton Drainage Study Committee
22. San Luis Obispo County Flood Control and Water Conservation District, Flood Management Plan, Local Flood Control Project Implementation Strategy; chart depicting district and stakeholder responsibilities [Exhibit A from PW Memorandum dated September 14, 2011]
23. TAAG meeting minutes of December 15, 2011, TAAG asks the Committee to review III. Drainage Plan and Guidelines in the Templeton Community Design Plan
24. Memorandum dated January 12, 2012 DRAFT to TAAG from TAAG Toad Creek Study Committee; Subject: Templeton Drainage and Flood Control Study Draft February 1011 with Enclosures [tabled]

2012

25. Meeting Notes for January 12, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee

TOAD CREEK WATERSHED REPORT

February 18, 2013

26. Meeting Notes for February 9, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee (short meeting and field trip)
27. Map 36" x 24" undated prepared by Public Works; Templeton Drainage Basins, GIS Series; Toad Creek & floodplain, Salinas River floodplain, parcels. road culverts with dimensions (Union Railroad tracks are not shown)
28. Field Trip pictures taken by Dave Flynn, Greg O'Sullivan and Laura Edwards; Toad Creek from Main Street to Salinas and unnamed tributary from Theatre Drive under Highway 101 to Toad Creek before Union Pacific railroad tracks
29. Meeting Notes for March 8, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee
30. Templeton Community Design Plan, Section III. Drainage Plan and Guidelines; provided by Public Works
31. Brochure undated developed by titled the Paso Robles Groundwater Basin Management Plan Steering Committee
32. Draft Work Product dated February 1, 2012 prepared by US-LT RCD Re: Volunteer Stewardship Programming Support for Creek Vegetation Maintenance to Mitigate Flooding
33. Memorandum dated March 28, 2012 to Laura Edwards, Executive Director, US-LT RCD from [TAAG] Toad Creek Watershed Study Committee; Subject: Questions and ideas – Volunteer Stream Stewardship Program Proposal dated February 1, 2012
34. Meeting Notes for April 12, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee
35. Response from US-LT RCD undated embedded within Memorandum dated March 28, 2012 to Laura Edwards, Executive Director, US-LT RCD from [TAAG] Toad Creek Watershed Study Committee; Subject: Questions and ideas – Volunteer Stream Stewardship Program Proposal dated February 1, 2012
36. Meeting Notes for May 10, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee
37. Public Works DRAFT Templeton Drainage, Mitigation Methods Matrix Table, undated
38. Committee Alternative to above; Templeton Drainage Study Draft dated February 2011, Matrix Evaluating Consistency with adopted Plans and Other Critical Items dated May 2010
39. Meeting follow-up; Email dated May 10, 2012 to Paavo and other committee members from Committee chairperson; IRWMP excerpts

TOAD CREEK WATERSHED REPORT

February 18, 2013

40. Material from US-LT RCD sent via email in May 2012; Partners in Restoration (PIR) Program; 18 pre-approved projects; Best Management Practice (BMP), etc.
41. Material from Public Works sent email June 13, 2012; Draft Chart, Templeton Area Development Projects and Map showing location of projects
42. Meeting Notes for June 14, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee
43. Committee Work Product, June 14, 2012; Map 36" x 24" Engineering; Exhibit C Areas of Interest Map (aerial with project locations); pink flags mark NCE proposed detention basins, yellow flags mark Committee's upstream mini-basins, and orange flags mark Committee's alternative to NCE's proposed detention basins restricting culverts under Highway 101
44. Land Use Ordinance Excerpts pertaining to Toad Creek including Templeton Urban Area Standards; dated June 2012, prepared by Dorothy Jennings
45. Public Works Draft; Salinas Avenue Culvert Upgrade Project, Abbreviated Initial Study Checklist dated July 5, 2012
46. Public Works Draft; South Branch Detention Basin Project, Abbreviated Initial Study Checklist dated July 5, 2012
47. Public Works Map, GIS Services, dated July 2012; [Project 6, Jordan Lane], aerial view, parcels, contours, proposed retention basin elevations and 100-year flood zone [site disturbance not shown]
48. Public Works Map, GIS Services, dated July 2012; [Project 4, Tennis Ranch site], aerial view, parcels, contours, proposed retention basin elevations and 100-year flood zone [site disturbance not shown]
49. Meeting Notes for July 12, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee
50. Meeting Notes for August 9, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee
51. Public Works distributes the San Luis Obispo County Flood Control and Water Conservation District, Templeton Drainage and Flood Control Study-Project 8 Addendum
52. Public Works DRAFT Revised Templeton Drainage, Mitigation Methods Matrix Table, undated
53. Conservation and Open Space Element adopted May 2010 excerpts; Goals and Policies pertaining to watersheds protection, studies and recharge area; prepared by Jim Wood

TOAD CREEK WATERSHED REPORT

February 18, 2013

54. Meeting Notes for September 8, 2012 meeting of [TAAG] Templeton Toad Creek Drainage Study Committee
55. Committee draft dated September 10, 2012; Committee's Alternative v Projects 4 & 6 plus 500-acres and Projects 8a & 8b
56. Informal meeting November 15, 2012 of [TAAG] Templeton Toad Creek Drainage Committee; Templeton members only, to discuss and review draft recommendations plus report outline and content
57. Meeting February 14, 2013 of [TAAG] Templeton Toad Creek Drainage Committee to work on draft Toad Creek Watershed Report.
58. On February 18, 2013 [TAAG] Templeton Toad Creek Drainage Committee submits its draft Toad Creek Watershed Report to TAAG

TOAD CREEK WATERSHED REPORT
February 18, 2013

GLOSSARY OF ACRONYMS

CEQA	California Environmental Quality Act
COSE	(county) Conservation and Open Space Element
draft study	(FCWCD) <u>Templeton Drainage and Flood Control Study Draft Study</u> dated February 2011 and (undated) <u>Project 8 Addendum</u>
FCWCD	(San Luis Obispo County) Flood Control and Water Conservation District
GP	(county) General Plan, which is a family of planning documents called elements, each with equal standing
HCP	Habitat Conservation Plan
IRWMP	Integrated Regional Water Management Plan
NCE	North Coast Engineering, Inc.; Paso Robles
PRE	(county) Parks and Recreation Element
TAAG	Templeton Area Advisory Group
TCS	2012 Update of the Templeton Circulation Study
TCDP	Templeton Community Design Plan
TCSD	Templeton Community Services District
US-LT RCD	Upper Salinas-Las Tablas Resource Conservation District