

**NORTH BAY WATER REUSE AUTHORITY
TECHNICAL ADVISORY COMMITTEE**

Agenda – Phase 2

Monday, January 23, 2012

11:30 AM (approximate time, meeting will start immediately after end of Phase 1 TAC meeting)

Novato Sanitary District
500 Davidson Street
Novato, CA 94945

	1.		Call to Order and Self Introductions
	2.	Action	Approval of Agenda
	3.		Public Comments
Pages 2 - 3	4.	Action	Consent Items a. Minutes November 14, 2011
Page 4 Pages 5 - 8	5.	Information	Report from the Program Manager a. Consultant Progress Reports
Pages 9 - 19	6.	Information	Phase 2 – Project Definition Update
	7.	Information	Federal Legislative Update
	8.	Information	Items from Committee, Agency Staff, or Consultants
	9.	Information	Items for Next Agenda (February 27, 2012, Novato Sanitary District)

The North Bay Water Reuse Authority complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Please contact **Chuck Weir at 510-410-5923** with any questions.

**North Bay Water Reuse Authority
Technical Advisory Committee
Phase 2 Minutes
November 14, 2011**

1. Call to Order and Self Introductions

Chair James called the Technical Advisory Committee (TAC) meeting to order at 11:07 a.m. on Monday, November 14, 2011. The meeting was held at Novato Sanitary District, 500 Davidson Street, Novato, CA 94945.

Committee Members Present

Chair Beverly James	Novato Sanitary District
Pam Jeane	Sonoma Valley County Sanitation District
Drew McIntyre	North Marin Water District
Tim Healy	Napa Sanitation District
Phillip Miller	Napa County
Renee Webber	Sonoma County Water Agency
Mark Williams	Las Gallinas Valley Sanitary District

Others Present

Chuck Weir, Program Manager	RMC
Marc Bautista	Sonoma County Water Agency
Kevin Booker	Sonoma County Water Agency
Ginger Bryant	Bryant & Associates
Monica Oakley	RMC
Jim O'Toole	ESA
Pilar Oñate-Quintana	KP Public Affairs
Michael Savage	CDM
Pam Tuft	City of Petaluma

2. Approval of the Agenda

The Agenda was unanimously approved as presented.

3. Public Comments

There were no public comments.

4. Consent Items:

a. Minutes, October 24, 2011

The minutes were unanimously approved as presented.

5. Report from the Program Manager

The Program Manager had nothing additional to report.

6. Phase 2 – Project Definition

Mike Savage discussed date needs and that the project was a little behind schedule as a result. Activity will pick up in December once all the data is available. Phillip Miller noted that Napa County will propose a Phase 2 project. There was discussion regarding Marin Municipal Water District's (MMWD) allocation of \$500,000 of Integrated Regional Water Management funding

through BACWA and that they have now decided to delay their project for five years. As an action item, TAC members will check with both MMWD and BACWA.

7. Federal Legislative Update

This item was discussed during the Board meetings.

8. Items from Committee, Agency Staff, or Consultants

Ginger Bryant initiated discussion regarding Los Carneros Water District. They have completed draft environmental studies regarding a \$15 million recycled water project. They would like to obtain funding from NBWRA either through Napa County or Napa Sanitation District. To do so, they would need to merge their environmental studies with NBWRA's EIR/EIS. As an action item, the consultant team is to prepare a Technical Memo outlining the process, schedule, and costs and report back to the TAC.

9. Items for Next Agenda (Next Meeting January 23, 2012)

The next meeting will be held at Novato Sanitary District, 600 Davidson Street, Novato, CA on January 23, 2012. The initiation fee subcommittee will meet beforehand at 8:30 a.m.

Action items resulting from the TAC meeting include:

- a. Prepare a Technical Memo outlining the process, schedule, and costs to merge Los Carneros Water District environmental work into NBWRA's EIR/EIS.
- b. Check with MMWD and BACWA regarding MMWD's \$500,000 IRWM allocation.

Chair James adjourned the meeting at 11:50 a.m.

NEXT MEETING INFORMATION: Next meeting will be at Novato Sanitary District, 600 Davidson Street, Novato, CA on January 23, 2012.

C:\Users\Caroll\Documents\RMC Water and Environment\NBWRA\Agendas\2011-11\2011_11_14_NBWRA_TAC_Minutes_Phase_2.docx

ITEM NO. 5 REPORT FROM THE PROGRAM MANAGER

The Report from the Program Manager includes the following item:

Item No. 5.a Consultant Progress Reports for December 2011

Please note that some items discussed in the Phase 1 TAC meeting apply to Phase 2 as well. This would include the Action Items from the November 14, 2011 meeting and the FY2011/12 Financial Report.

Page 1

Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
January 23, 2012

ITEM NO. 5.a CONSULTANT PROGRESS REPORTS – DECEMBER 2011

Action Requested: None at this time.

Attached are progress reports from NBWRA consultants for December 2011. The progress reports are of similar format and are based on the tasks in each of the consultant agreements. The intent is for the reports to be consistent with the budget information and will be for the previous month.

Consultants will also provide verbal reports on items at the meeting.

Program Management Services for North Bay Water Reuse Authority Phase 2
RMC Water and Environment
SCWA Order Number 7533A5, Account Number 391029-6570
RMC Job No. 0047-007.02

Phase 2 Progress Report

December 2011

Task 2.1 Board of Directors and Technical Advisory Committee (TAC) Meeting Management

- Prepared November 2011 Consultant Progress Report packet and distributed to Board Agenda email list.

Task 2.2 Budget Preparation and Reporting

- Reviewed consultant costs for November 2011 and updated summary of costs for FY2011/12.

Task 2.3 Project Support and Review

- No work was conducted on this task during the period.

Task 2.4 Program Planning

- Prepared December 2011 Progress Report and December 2011 Invoice.
- Attended progress meeting with RMC.

Task 2.5 Governance Issues

- Participated in telephone calls with CDM regarding initiation fee process.
- Prepared email regarding initiation fee process for CDM.
- Reviewed and commented on initiation fee process memo to TAC and reviewed Agency's comments.



2110 G Street, #2
Sacramento CA 95816

Activity Summary

January 5, 2012

Ms Renee Webber
Sonoma County Water Agency
404 Aviation Boulevard
Santa Rosa CA 95403-1936

**Re: December 2011 Activity Summary
North Bay Water Reuse Program - Phase 2 Program Development Services**

**SCWA Order # 7534A6
SCWA Account # 391029-6570**

Activity Summary

- Prepared monthly reports and provided them to the program manager
- Coordinated with SCWA, Pilar Onate-Quintana, DWR Director Mark Cowin and CA Water Commission Chair on tour and participated in the tour
- Participated in monthly Program Management call with Roger Gwinn and Renee Webber
- Continued efforts with Roger Gwinn and USBR in support of Reclamation creating regional-scale funding programs

North Bay Water Reuse Authority
Professional Services by CDM Smith

December 2011 Progress Report - Phase 2 Activities

Project Definition Study

- Held project team meetings.
- Reviewed project participants' data and agency plans.
- Developed plans for Phase 2 service areas and pipelines.
- Coordinated and developed GIS maps of Phase 2 service areas and pipelines.
- Communicated with B&A staff about Phase 2 meetings with Marin County and Novato Sanitary District.
- Reviewed and prepared initiation fee approval approach memo.
- Prepared report outline and began drafting sections.

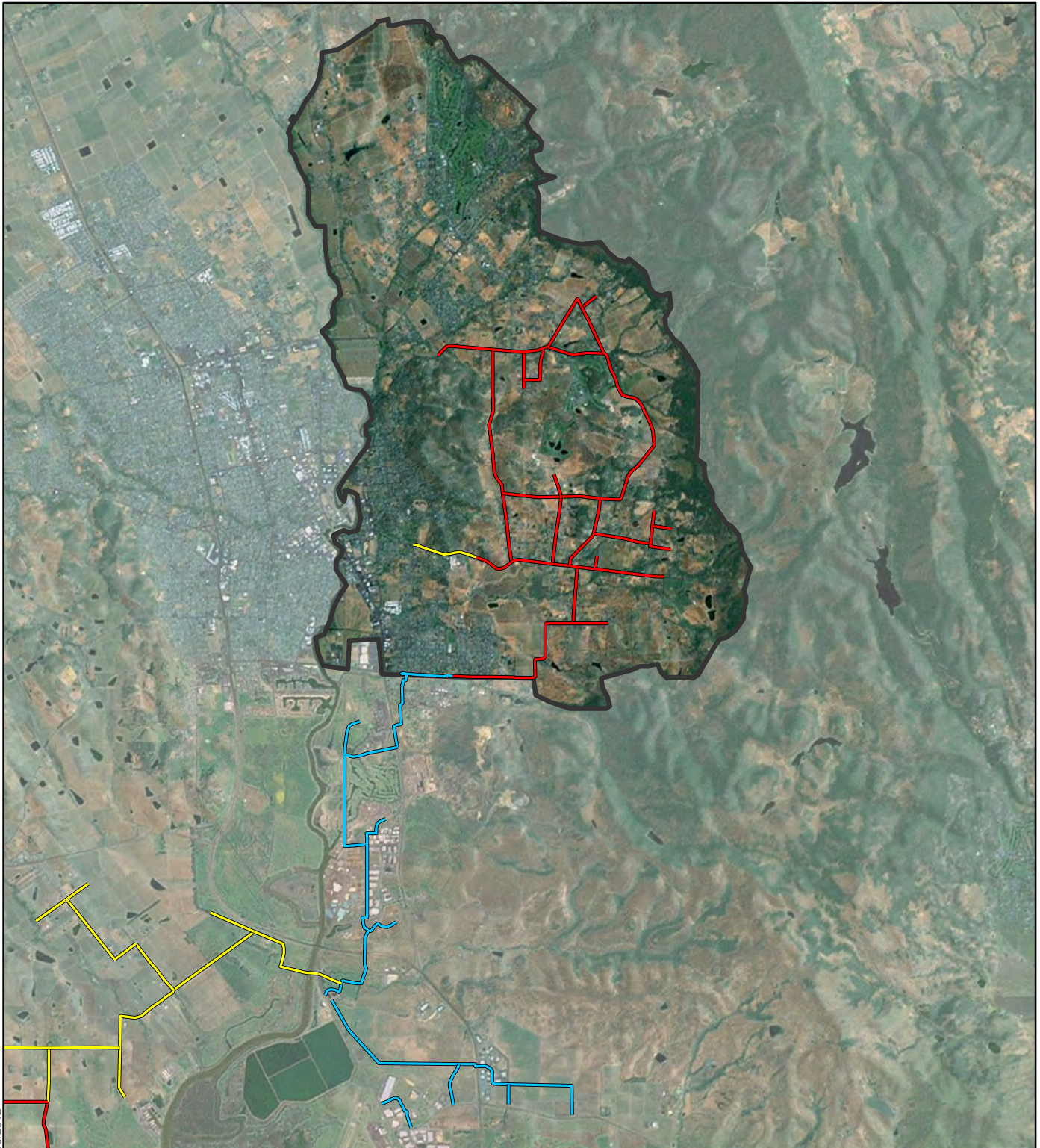
Phase 2 Support

- Prepared and revised Phase 2 feasibility study workplan and consultant budget spreadsheet for the Reclamation funding agreement.
- Discussed Phase 2 issues with SCWA and B&A staff.
- Prepared Phase 2 materials for upcoming North Bay Water Reuse Authority Technical Advisory Committee meeting.
- Project management activities and invoicing.

ITEM NO. 6 PHASE 2 – PROJECT DEFINITION UPDATE

Action Requested: None at this time.

The attached maps summarize the information received to date by CDM Smith regarding the status of existing regional recycled water pipelines, pipelines planned to be installed under Phase 1 of the project, and the pipelines proposed to be incorporated into Phase 2 efforts. The maps are meant to be reviewed prior to the meeting, so that any changes may be discussed during the meeting.







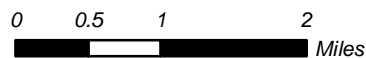
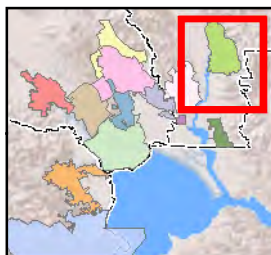
C:\84305-NEW\RP\GIS\MXD\All Alignments.mxd 1/18/2012

Data Source(s):
ESRI Aerial Imagery,
CDM Smith, ESA

Napa MST Study Area

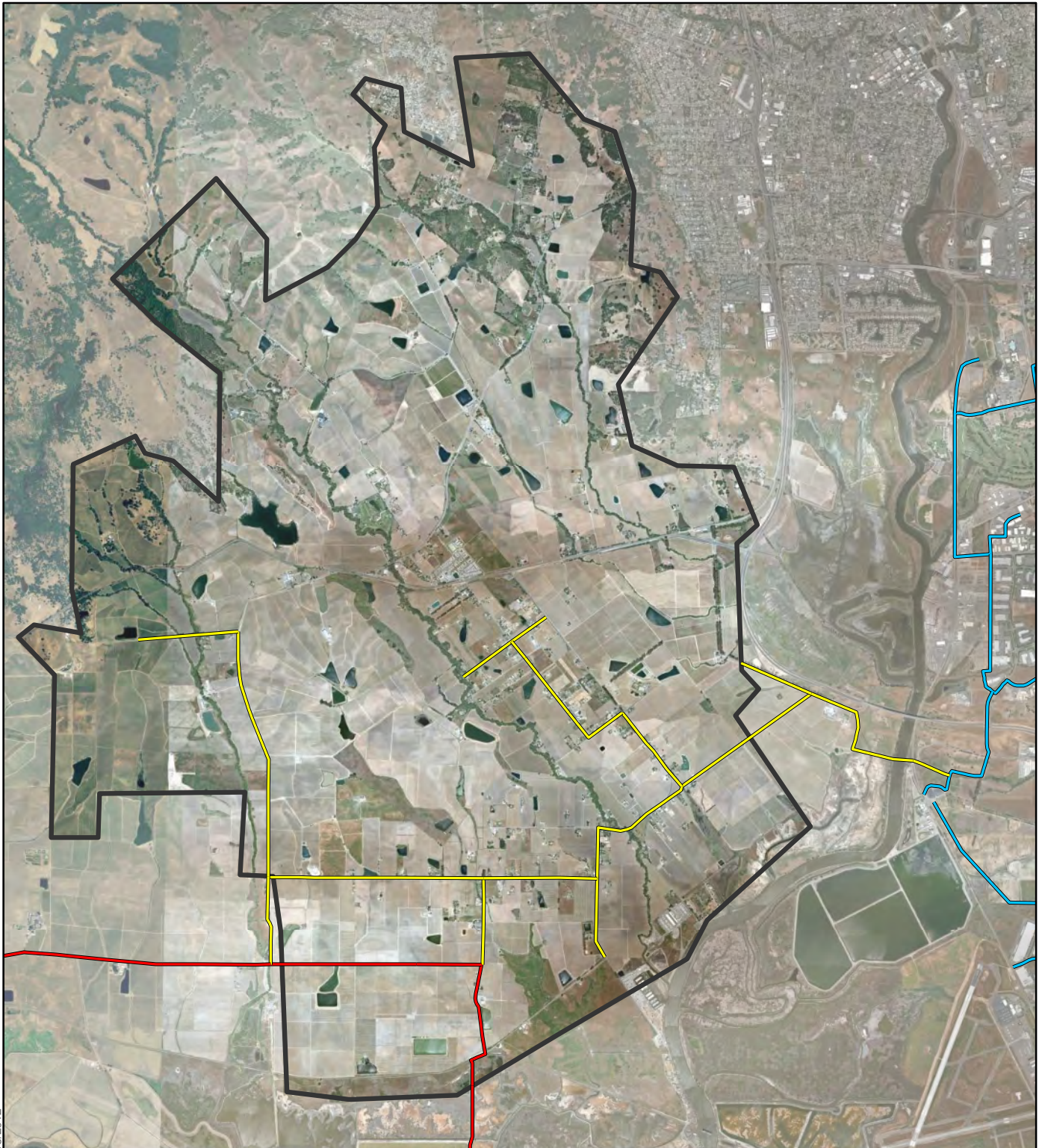
Legend

-  Existing Pipeline
-  Phase 1
-  Phase 2
-  Study Area Boundary



Potential Phase 2 Pipeline Alignments North Bay Water Reuse Program







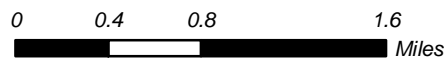
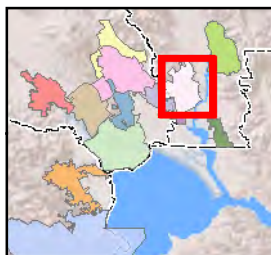


Data Source(s):
 Bing Maps Aerial Imagery,
 CDM Smith, ESA

Los Carneros Water District Study Area

Legend

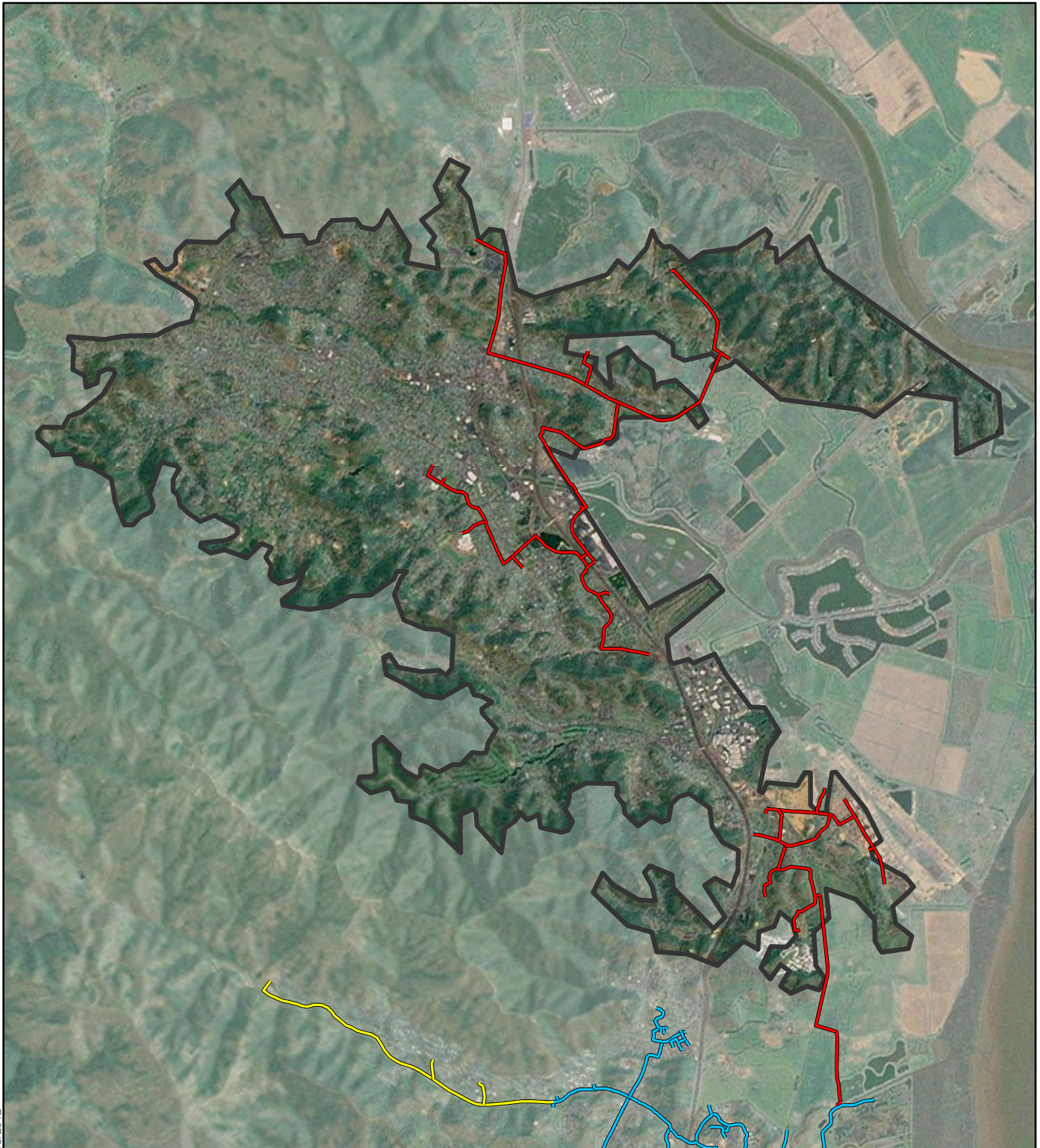
-  Existing Pipeline
-  Phase 1
-  Phase 2
-  Study Area Boundary



*Potential Phase 2 Pipeline Alignments
 North Bay Water Reuse Program*



C:\84305-NEW\RP\GIS\MXD\All_Alignments.mxd 1/18/2012







C:\84305-NEWWRP\GIS\MXD\All Alignments.mxd 1/18/2012

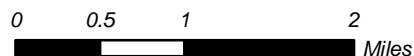
Data Source(s):
ESRI Aerial Imagery,
CDM Smith, ESA

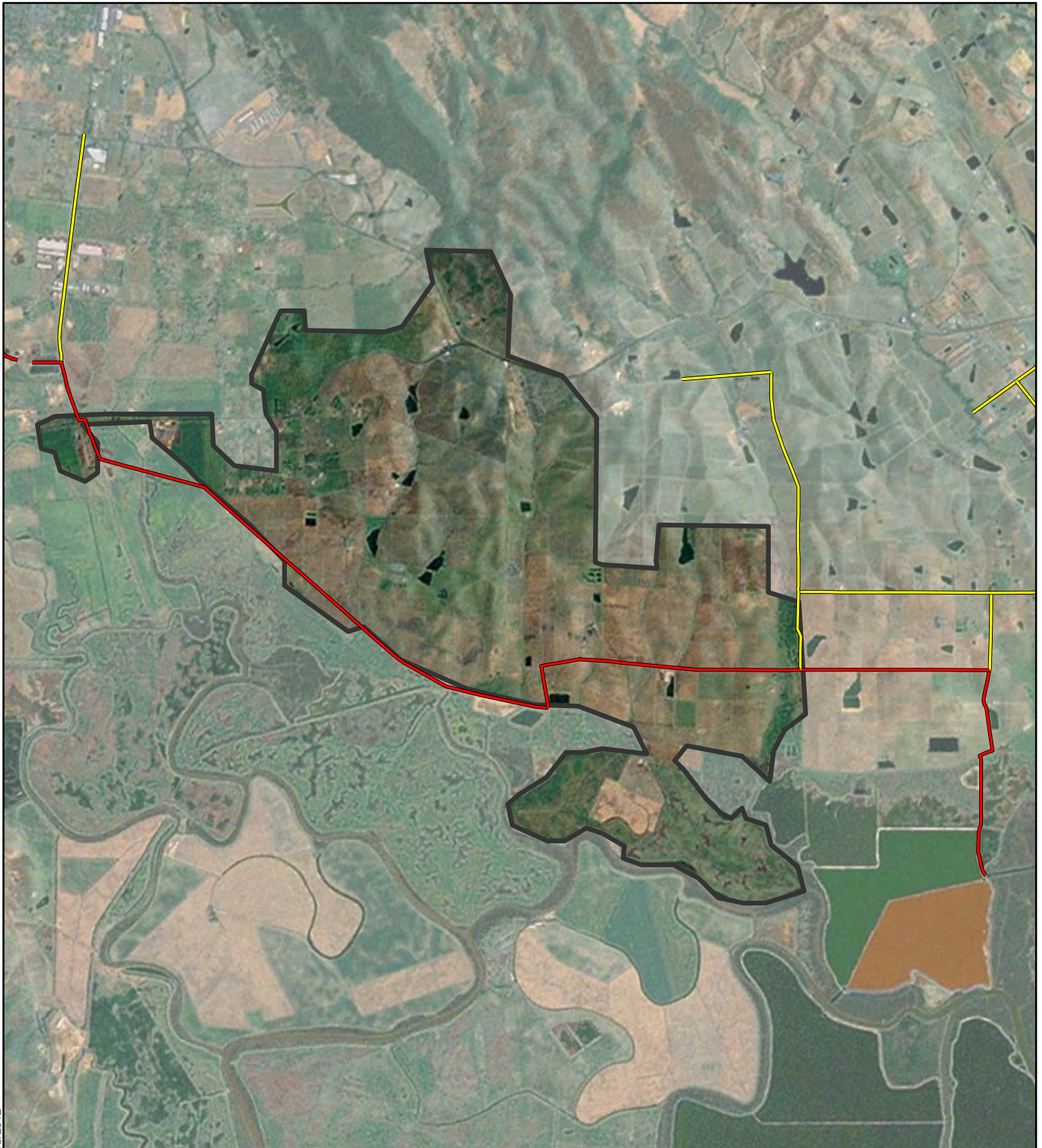
Novato Urban Recycled Water Project- Northern, Central, and Southern Study Areas

Potential Phase 2 Pipeline Alignments North Bay Water Reuse Program

Legend

-  Existing Pipeline
-  Phase 1
-  Phase 2
-  Study Area Boundary








Data Source(s):
 ESRI Aerial Imagery,
 CDM Smith, ESA

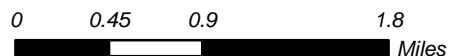
Existing SVCSD Reuse Study Area

Legend

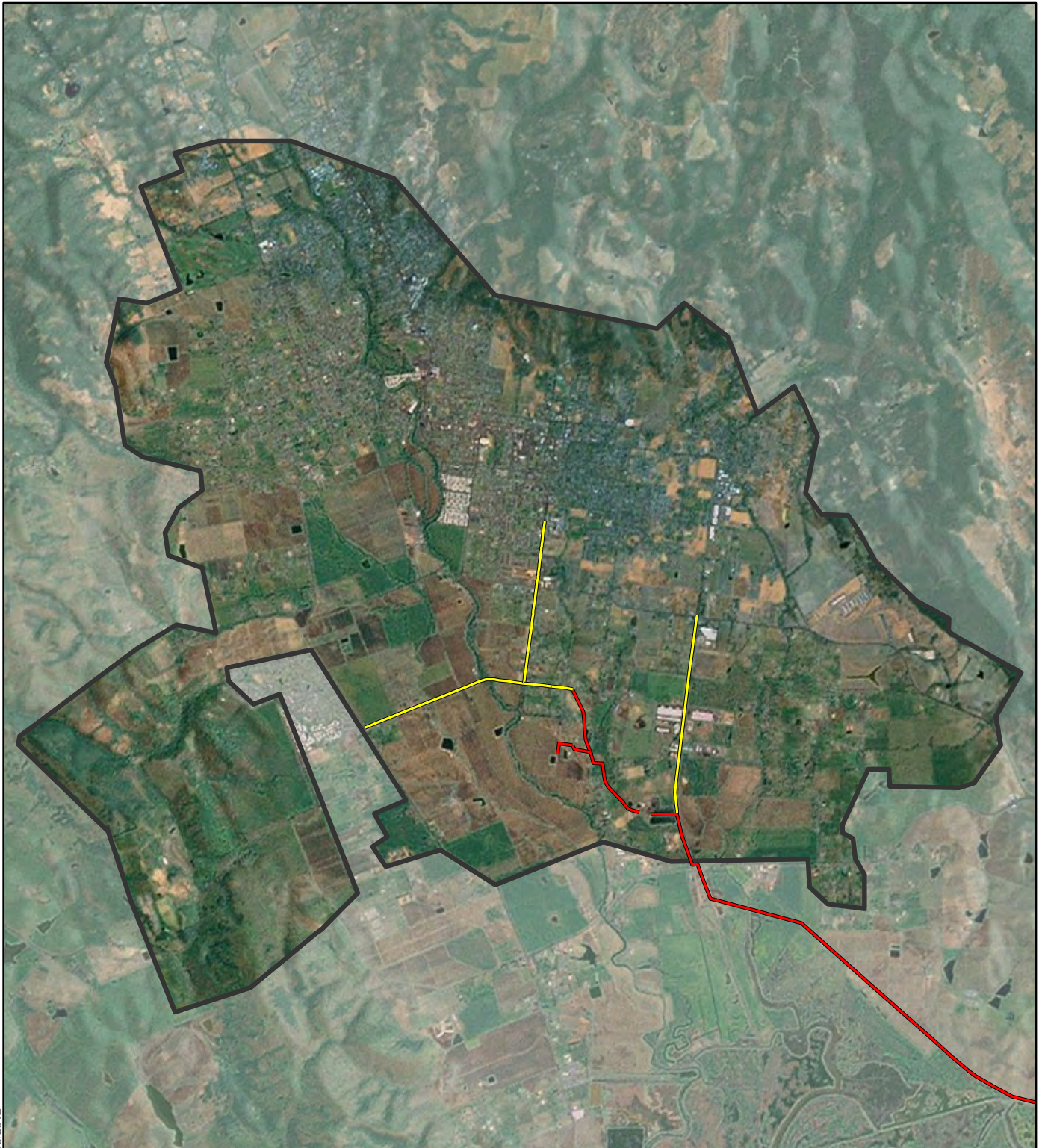
-  Existing Pipeline
-  Phase 1
-  Phase 2
-  Study Area Boundary



Potential Phase 2 Pipeline Alignments North Bay Water Reuse Program



O:\84305-NEW\RP\GIS\MXD\All Alignments.mxd 1/18/2012



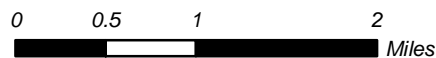
C:\84305-NEW\RP\GIS\MXD\All Alignments.mxd 1/18/2012

Data Source(s):
ESRI Aerial Imagery,
CDM Smith, ESA

Sonoma Valley Recycled Water Project Study Area

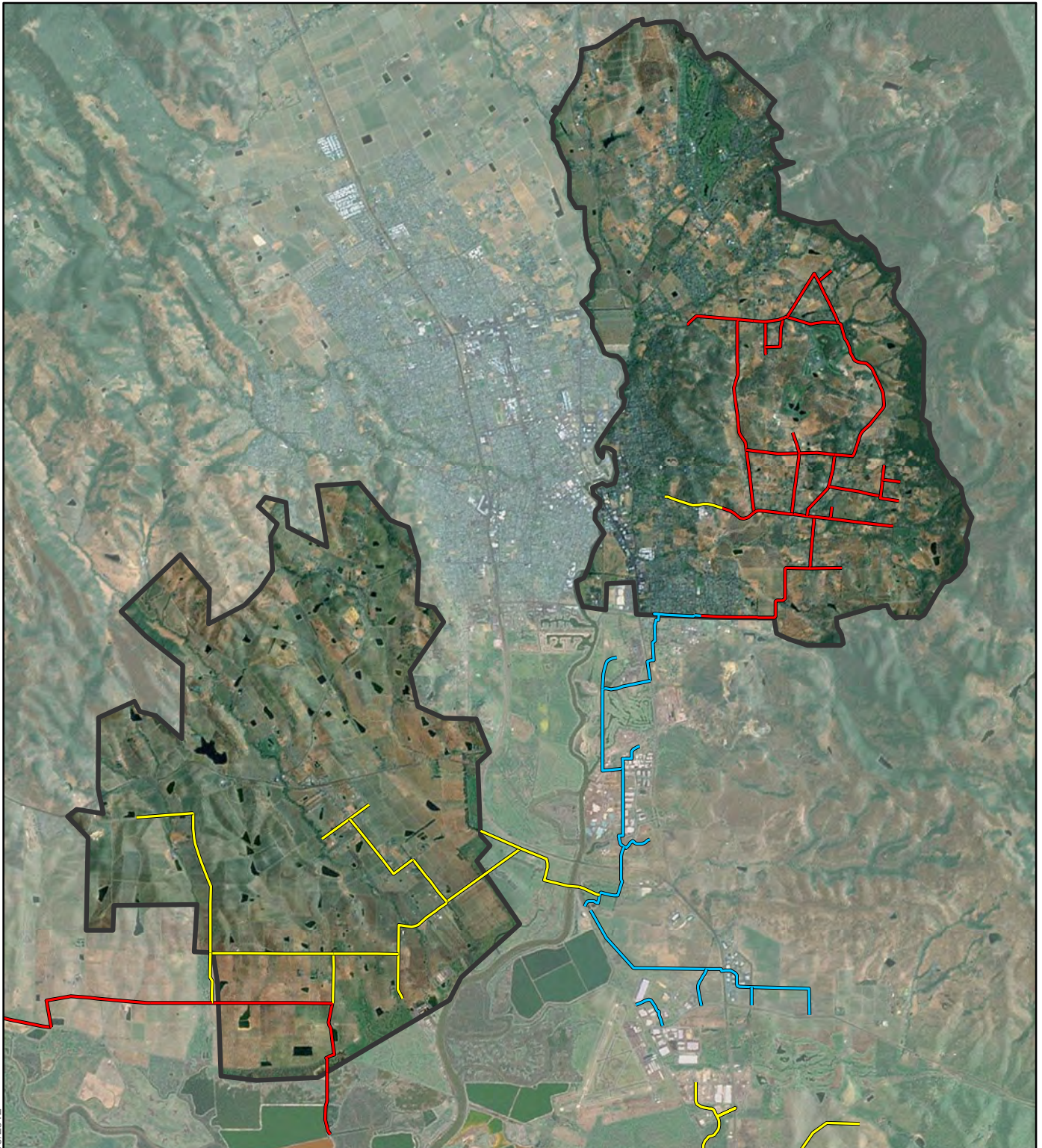
Legend

- Existing Pipeline
- Phase 1
- Phase 2
- Study Area Boundary



Potential Phase 2 Pipeline Alignments North Bay Water Reuse Program









Data Source(s):
 ESRI Aerial Imagery,
 CDM Smith, ESA

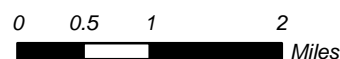
Los Carneros Water District and Napa MST Study Areas

Legend

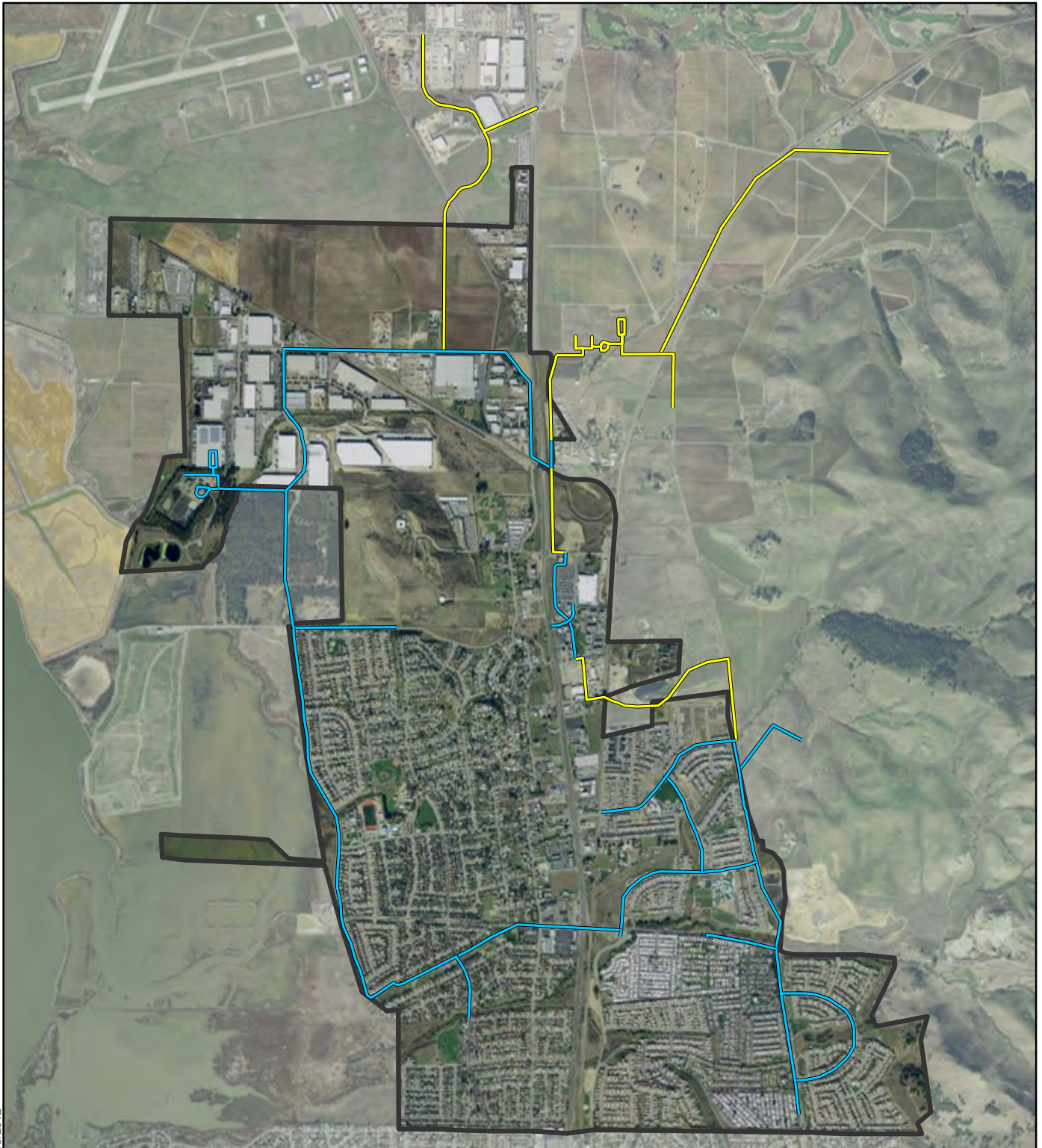
-  Existing Pipeline
-  Phase 1
-  Phase 2
-  Study Area Boundary



*Potential Phase 2 Pipeline Alignments
 North Bay Water Reuse Program*







C:\84305-NEW\RP\GIS\MXD\All Alignments.mxd 1/19/2012



Data Source(s):
 ESRI Aerial Imagery,
 CDM Smith, ESA

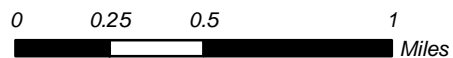
City of American Canyon Study Area

Legend

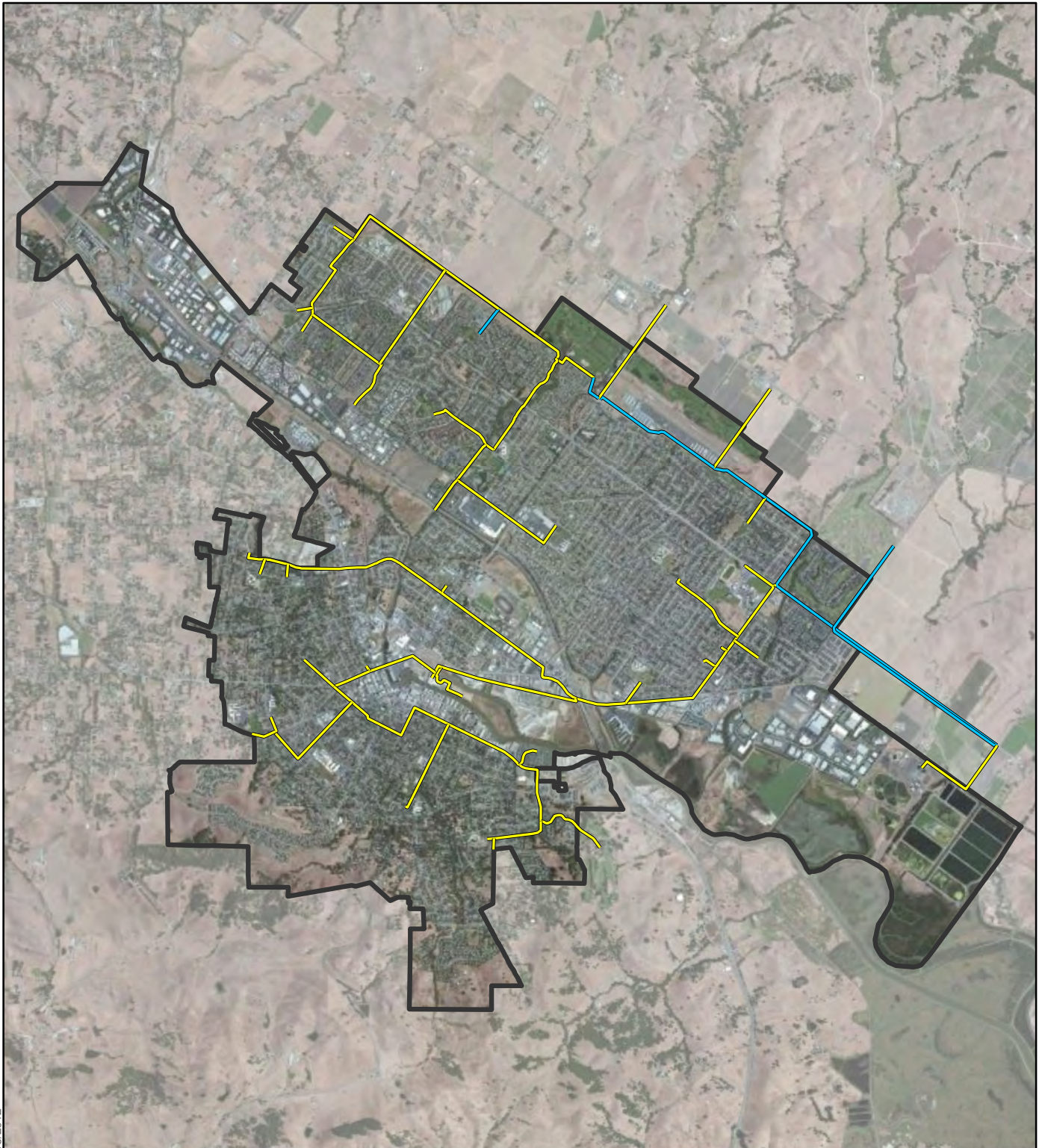
-  Existing Pipeline
-  Phase 1
-  Phase 2
-  Study Area Boundary



*Potential Phase 2 Pipeline Alignments
 North Bay Water Reuse Program*







O:\84305-NEW\RP\GIS\MXD\All Alignments.mxd 1/19/2012



Data Source(s):
 Bing Maps Aerial Imagery,
 CDM Smith, ESA

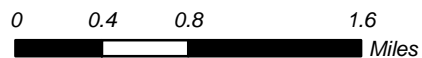
City of Petaluma Study Area

Legend

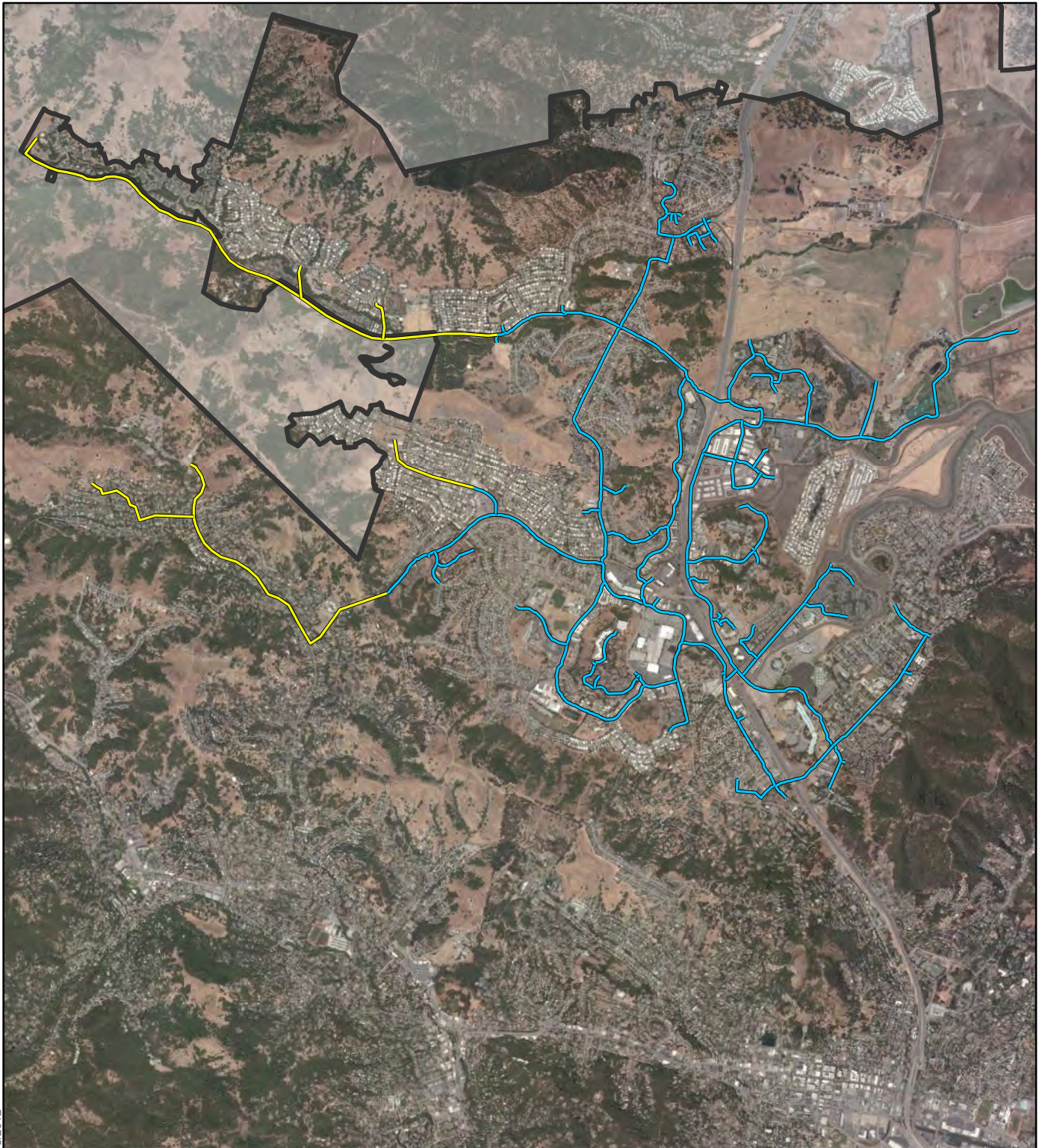
-  Existing Pipeline
-  Phase 1
-  Phase 2
-  Study Area Boundary



Potential Phase 2 Pipeline Alignments North Bay Water Reuse Program






O:\84305-NEWWRP\GIS\MXD\All Alignments.mxd 1/18/2012

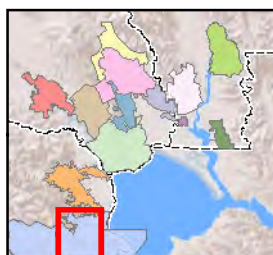


Data Source(s):
 Bing Maps Aerial Imagery,
 CDM Smith, ESA

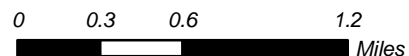
Marin Municipal Water District Study Area

Legend

-  Existing Pipeline
-  Phase 2
-  Study Area Boundary



*Potential Phase 2 Pipeline Alignments
 North Bay Water Reuse Program*



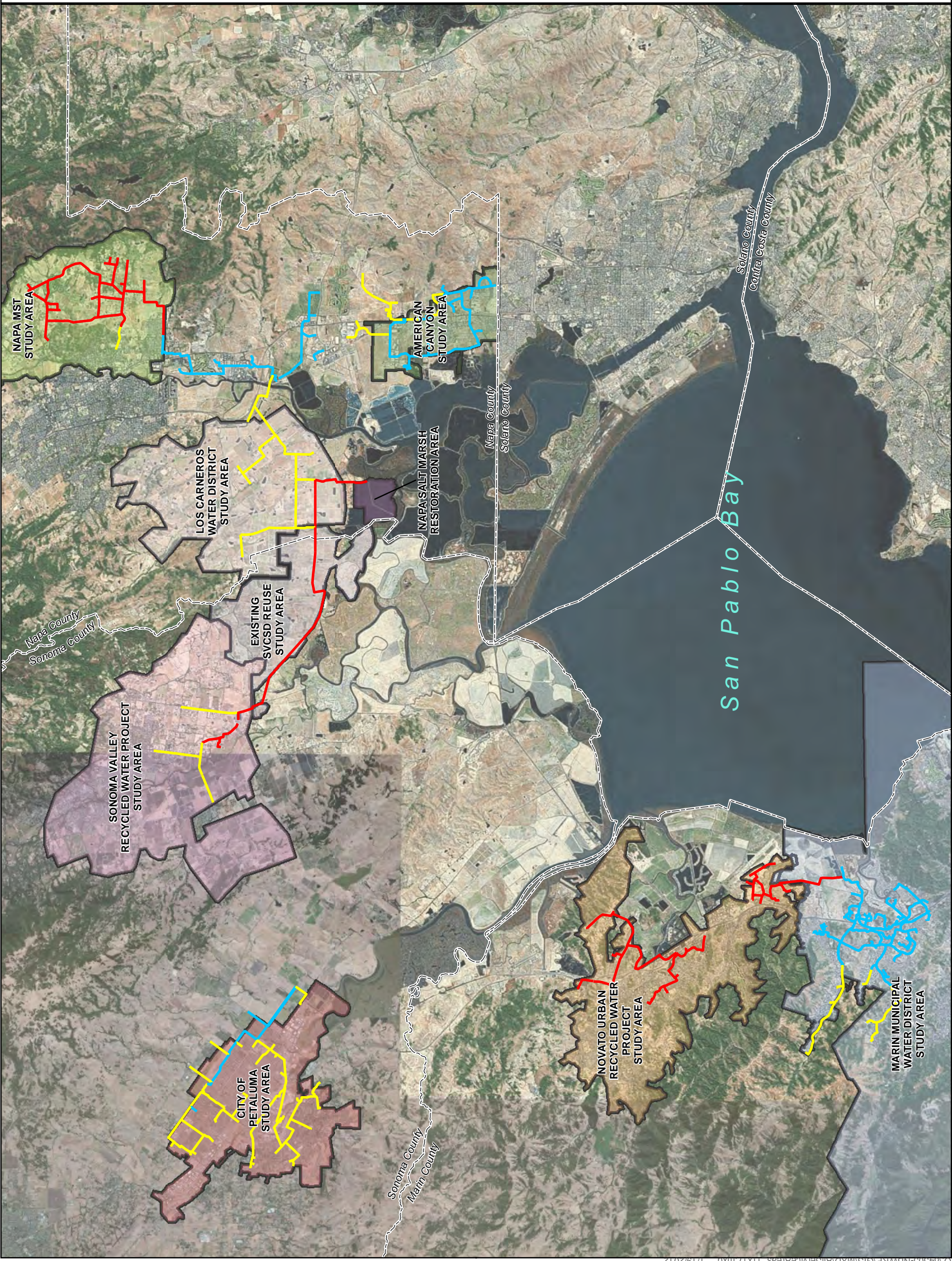
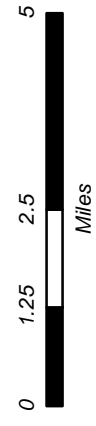
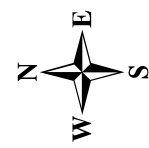
O:\84305-NEW\RP\GIS\MXD\MMWD_85x11.mxd 1/18/2012

Overall Project Area

Potential Phase 2 Pipeline Alignments North Bay Water Reuse Program

Legend

- Existing Pipeline
- Phase 1
- Phase 2
- Study Area Boundary
- County Boundary



0:\84\305-NBWR\PIG\SMX\DAI\ServiceAreas_11x17.mxd 1/19/2012