Start

**Step 1**
- Define Water Demand, Water Supply, Water Quality, Potable Demand and Non-Potable Demands

**Step 2**
- Quality Meets Regulatory Requirements
  - Yes → Done
  - No → Consider Moratorium
- Supply Greater than Demand (w/o largest well)
  - Yes → Quality Meets Regulatory Requirements
  - No → Consider Moratorium

**Step 3**
- Public Funding Available for Evaluation of Alternative
  - Yes → Prepare Preliminary Engineer’s Report
  - No → Community Funds
- Prepare Preliminary Engineer’s Report
  - Yes → Apply for Funding
  - No → Community Funds
- Apply for Funding
  - Yes → Offer of Funds
  - No → Community Funds
- Offer of Funds
  - Yes → Funding Conditions Acceptable
  - No → Accept Funding
- Funding Conditions Acceptable
  - Yes → Accept Funding
  - No → Pursue Another Alternative

**Step 4**
- Go to Physical Consolidation Decision Tree
- Go to Exchanges / Contracting for Surface Water Decision Tree
- Go to Recharge of Local Area Decision Tree
- Go to Regional Facility Decision Tree
- Go to New Water Supply Well Decision Tree
- Go to Water Treatment Facility (new or existing well) Decision Tree
- Go to Conservation Decision Tree
- Go to Restrict Potable Water Deliveries from Agricultural or Large Turf Irrigation Decision Tree
- Go to Mitigate a Source of Contamination (such as On-Site Systems)

**Step 5**
- Implement Approved Alternatives
Define Water Demand, Water Supply, Water Quality, Potable Demand and Non-Potable Demands

Question: Supply Greater than Demand (w/o largest well)

Yes → Quality Meets Regulatory Requirements

Yes → Done

No → Consider Moratorium

Go to New Sources Step Two
Caruthers CSD
New Sources

Step Two

From New Sources Step One

Question:

Funding Available for Evaluation of Alternative

NO

Pursue Another Alternative

YES

Select Appropriate Funding Source

Apply for Funding

Go to New Sources Step 2A, 2B & 2C

USDA
SRF Planning
SRF Construction
SDWSRF
IRWMP (funding vehicle)

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
New Sources
Step Two A

Pre Application for SDWSRF March 2002
$__________

Go to New Sources Step Three
Caruthers CSD
New Sources

Step Two B
Potential

Proposition 84
Funding Application
Feasibility Grant
Oct 2007
$500,000

Go to
New Sources
Step Three
Caruthers CSD
New Sources
Step Two C
Potential

Proposition 84
Funding
Application
Construction
Grant
20
$4,500,000

Go to
New Sources
Step Three
Caruthers CSD
New Sources
Step Two

Caruthers CSD SRF Application for Planning Funds
Prepared by: Caruthers CSD
Cost to Prepare: 
Source of Funds: 
Funding Request: 
Timeline of Preparation: 
Response to Application: None

Caruthers CSD Proposition 84 Funding Application Feasibility Study
Prepared by: Caruthers CSD
Cost to Prepare: 
Source of Funds: 
Funding Request: 
Timeline of Preparation: 
Response to Application: None

Caruthers CSD Proposition 84 Funding Application Construction Grant
Prepared by: Caruthers CSD
Cost to Prepare: 
Source of Funds: 
Funding Request: 
Timeline of Preparation: 
Response to Application: None
Caruthers CSD
New Sources
Step Three

From New Sources Step Two

Funding Conditions Acceptable?

Accept Funding

NO

YES

YES

Offer of Funds

Pursue Another Alternative

NO

Evaluate Alternatives

YES

YES

CONSULTANT(S)

OTHER

Consultant(s)

Other

YES

YES

CONSULTANT(S)

OTHER

Evaluate Alternatives
Physical Consolidation

**Step 1**
- Identify Neighboring Water Systems (within 5 miles) Define Available water supply quality
- Contact Neighboring Water System
- Define Neighboring Water Systems with Sufficient Available Water Supply and Quality
- Neighboring Community Willing to Accept New Connections
  - NO
  - YES
- Pursue Another Alternative

**Step 2A**
- Define Single Community Connection or Individual Service Connections
  - YES
  - NO
- Define Responsible Neighboring Water Systems with Sufficient Available Water Supply and Quality
  - YES
  - NO
- Define Single Community Connection or Individual Service Connections
- Identify Viable Route
- Estimate Capital Cost
- Define Funding Source Alternatives
- Apply for Funding?
- YES
  - LAFCO Approval
  - NO
  - CDPH Approval
  - NO
  - Local Political Approval
    - YES
      - Pursue Another Alternative
    - NO
      - YES
        - Estimate O&M Cost (Water Service Charges)
        - YES
          - Pursue Another Alternative
  - NO
    - See Physical Consolidation 2 of 2
Physical Consolidation

1. Planning Funding Sources Available
   - YES: Proceed with Community Funds
   - NO: Accept Funding Source

2. Acceptable Funding Conditions
   - YES: Proceed with Community Funds
   - NO: Accept Other Alternative

3. Design Intertie Finalize Consolidation Agreement
   - YES: Construction Funding Available
   - NO: Accept Other Alternative

4. Construction Funding Available
   - YES: Apply for Funds
   - NO: Proceed with Community Funds

5. Offer of Construction Funding
   - YES: Yes
   - NO: Yes

6. Accept Funds
   - YES: Construct Improvements
   - NO: Finalize Consolidation

Pursue Another Alternative

See Physical Consolidation 1 of 2
Step One

Caruthers CSD
Physical Consolidation

Identify Neighboring Water Systems (within 5 miles)
Define Available water supply quality

Define Neighboring Water Systems with Sufficient Available Water Supply and Quality

Contact Neighboring Water System

Pursue Another Alternative

Community Willing to Accept New Connections

Go to Physical Consolidation - Steps Two A & B (Technical & Political)

Caruthers CSD
Consultant(s)
Other

Consultant(s)
Other
Caruthers CSD
Physical Consolidation
Step One

Neighboring Systems:

Riverdale PUD

Distance from Caruthers CSD ____ miles.

Capacity of Water System ____________

Quality of Water System ____________

(prepare exhibit showing relative location of Caruthers, Riverdale, Easton)
Caruthers CSD
Physical Consolidation
Step Two A
(Technical)

From Physical Consolidation Step One

Define Single Community Connection or Individual Service Connections

Identify Viable Route

Estimate Capital Cost

Define Funding Source Alternatives

Apply for Funding?

No
Pursue Another Alternative

YES
Prepare Funding Application / Engineer’s Report

Estimate O&M Cost (Water Service Charges)

Cost Sustainable?

No
Pursue Another Alternative

YES
Go to Physical Consolidation - Step Three

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
Physical Consolidation

Step Two B
(Political)

Define Responsibilities of Both Water Systems / Customers

Define Issues such as Annexation, Service Agreements, Dissolution of Consolidating System, Schedule

Local Political Approval

Pursue Another Alternative

CDPH Approval

LAFCO Approval

Go to Physical Consolidation - Step Three

Caruthers CSD
Consultant(s)
Other
Step Three

From Physical Consolidation Steps Two A & B

Planning Funding Sources Available (offer of Funds)

Funding Conditions Acceptable

Yes

Accept Funding Source

Design Intertie Finalize Consolidation Agreement

Obtain Design Approval from Regulatory Agencies, Political Agencies

No

Pursue Another Alternative

No

Proceed with Community Funds

Yes

Go to Physical Consolidation - Step Four

Caruthers CSD Consultant(s) Other
Caruthers CSD
Physical Consolidation
Step Four

From Physical Consolidation Step Three

Construction Funding Available

Apply for Funds

Proceed with Community Funds

Offer of Construction Funding

Funding Conditions Acceptable

Accept Funds

Go to Physical Consolidation Step Five

No

Pursue Another Alternative

Yes

Yes

No

Pursue Another Alternative

No

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
Physical Consolidation
Step Five

From Physical Consolidation Step Four

Construct Improvements

Finalize Consolidation

Caruthers CSD
Consultant(s)
Other

Caruthers CSD
Consultant(s)
Other
Step One

Investigate Local Hydrogeology
(Groundwater Depth, Quality)
(Location / Depth of existing wells)

Potential for Groundwater Water Supply

YES

Go to New Water Supply Well Step Two

No

Pursue Another Alternative
Caruthers CSD
New Water Supply Well
Step Two

From New Water Supply Well Step One

Are funding Sources Available?

No

Pursue Another Alternative

YES

Prepare Funding Application

Prepare Preliminary Engineer’s Report

Proceed with Community Funds

Go to New Water Supply Well Step Three

Go to New Water Supply Well Step Four

Are funding Sources Available?

From New Water Supply Well Step One

Prepare Funding Application

Prepare Preliminary Engineer’s Report

Proceed with Community Funds

Go to New Water Supply Well Step Three

Go to New Water Supply Well Step Four
Caruthers CSD
New Water Supply Well

Preliminary Engineer Report 2007-2008

$ ____________

Time __________
Step Three

From New Water Supply Well

- Offer of Funds
  - YES: Proceed with Prop 218 if Rate Adjustment is Required
  - No: Proposition 218 Passes

- Proposition 218 Passes
  - YES: Accept Funds
  - NO: Go to New Water Supply Well Step Four

- Accept Funds
  - YES: Go to New Water Supply Well Step Four
  - No: Pursue Another Alternative

- Pursue Another Alternative

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
New Water Supply Well

Proposition 84 Funding Offers

Terms

Prop 218 Rate Schedule
Caruthers CSD
New Water Supply Well
Step Four

- From New Water Supply Well Step Three
- Identify Potential Well Sites
- Acquire Option(s) For Well Site(S)
  - YES
  - CEQA Compliance
    - Design and Construct Test Well
      - YES
      - Suitable Groundwater Quantity
        - YES
        - Go to New Water Supply Well Step Five
        - NO
          - Pursue Another Alternative
  - NO
    - Pursue Another Alternative

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
New Water Supply Well

Feasibility Study
Caruthers CSD
New Water Supply Well
Step Five

From New Water Supply Well Step Four

Suitable Groundwater Quality

Investigate Treatment Alternatives See Technical Solutions Pilot Study

Acceptable Treatment Alternative

CDPH Approval

Go to New Water Supply Well Step Six

Pursue Another Alternative

Consultant(s)
Other
Caruthers CSD

New Water Supply Well

Step Six

From New Water Supply Well Step Five

Acquire Well Site and Viable Route to Connect to Water System

CEQA Compliance

Design Well and other Improvements

Go to New Water Supply Well Step Seven
Offer of Construction Funding

From New Water Supply Well Step Six

Construction Funding Available

Applying for Funds

Offer of Construction Funding

Funding Conditions Acceptable

Accept Funds

Go to New Water Supply Well Step Eight

Pursue Another Alternative

No Pursue Another Alternative

YES Accept Funds

Caruthers CSD

Consultant(s)

Other
Caruthers CSD
New Water Supply Well
Step Eight

From New Water Supply Well Step Seven

Construct Improvements

Operate New Well

Proceed with Treatment Improvement (if Necessary)
Water Treatment Facility
On an Existing Water Supply Well

Water Quality Exceeds Regulatory Requirements

Step 1

- Identify Constituents of Concern: i.e. Nitrate, Arsenic, other
- Blending Viable
- NO
  - No Action Necessary
- YES
  - Quantify Potable Sources
  - Quantify Non-Potable Sources
  - Define Relative Blending Flowrates, storage tank, transmission mains, finished water quality, define age of wells
  - Blending Viable
  - NO
    - Pursue Another Alternative
  - YES
    - Prepare Engineering Report
    - Evaluate Potential of Well Rehabilitation
      - Rehabilitation Viable
        - YES
          - Define Relative Alternatives and Chance of Success
          - Pursue Another Alternative
        - NO
          - No Action Necessary

Step 2

- Proceed to Treatment Evaluation, Technical Solutions Pilot Study
- Summarize Evaluation of Treatment and Fiscal Viability
- Key Items:
  - Costs
  - Waste Streams
  - Operational Requirements
  - Useful Life
  - Age of Existing Facilities
- NO Action Necessary
  - NO
  - YES
    - YES
    - NO

Step 2a

Step 2b

See Water Treatment Facility Page 2 of 3
Water Treatment Facility
On an Existing Water Supply Well

---

**Step 5**

- **Offer of Funds**
  - Funding Conditions Acceptable
    - **YES**
    - Proceed with Proposition 218 if Rate Adjustment is Required
    - **NO**
      - **Pursue Another Alternative**

**Step 6**

- **Proposition 218 passes**
  - **YES**
    - Accept Funding Sources
    - **Pursue Another Alternative**
  - **NO**
    - Design Treatment or Blending Facility
    - Obtain Approval from Funding Agency

**Step 7**

- Construction Funding Available
  - **YES**
    - Proceed with Proposition 218 if Rate Adjustment is Required
    - **NO**
      - **Pursue Another Alternative**

**Step 8**

- Funding Conditions Acceptable
  - **YES**
    - Accept Funds
    - Proceed with Proposition 218 if Rate Adjustment is Required
    - **NO**
      - **Pursue Another Alternative**

**Step 9**

- Finalize New System Operation
  - **YES**
    - Construct Improvements
    - Accept Funds
    - **Pursue Another Alternative**
  - **NO**

---

See Water Treatment Facility Page 2 of 3
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step One

Water Quality Exceeds Regulatory Requirements

Identify Constituents of Concern i.e. Nitrate, Arsenic, other

Go to Water Treatment Steps 2a, 2b, 2c

No Action Necessary
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 2a

From Water Treatment Step One

Proceed to Treatment Evaluation, Technical Solutions Pilot Study

Summarize Evaluation of Treatment and Fiscal Viability

Key Items: Costs Waste Streams Operational Requirements Useful Life Age of Existing Facilities

Prepare Engineering Report

Go to Water Treatment Step Three

Legend:
- Caruthers CSD
- Consultant(s)
- Other
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 2b

From Water Treatment Step One

- Evaluate Potential of Blending with other Sources
  - Quantify Potable Sources
  - Quantify Non-Potable Sources

Define Relative Blending flowrates, storage tank, transmission mains, finished water quality, define age of

Blending Viable

- YES
  - Prepare Engineering Report
- NO
  - Pursue Another Alternative

From Restrict Potable Step Three

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 2c

From Water Treatment Step One

Evaluate Potential of Well Rehabilitation

Define Relative Alternative and Chance of Success

Rehabilitation Viable

YES

Prepare Engineering Report

NO

Pursue Another Alternative

Go to Water Treatment Step Three
Caruthers CSD  
Water Treatment Facility  
On a New or Existing Water supply Well  

Step 3

From Water Treatment Steps 2a, 2b, 2c

Recommended Alternative

- CDPH Approval
  - YES
  - Neighboring Community Impact Mitigated
    - YES
    - Go to Water Treatment Step Four
    - NO
    - Pursue Another Alternative
  - NO

Caruthers CSD  
Consultant(s)  
Other
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 4

From Water Treatment Step Three

Prepare Funding Application

Estimate O&M Cost (Water Services Charges)

Costs Sustainable

NO

Pursue Another Alternative

YES

Go to Water Treatment Step Five

Caruthers CSD
Consultant(s)
Other
Caruthers CSD

Water Treatment Facility

On a New or Existing Water supply Well

Step 5

From Water Treatment Step Four

Offer of Funds

Funding Conditions Acceptable

YES

Go to Water Treatment Step Six

NO

Pursue Another Alternative
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 6

From Water Treatment Step Five

Proceed with Prop 218 if Rate Adjustment is Required

Proposition 218 Passes

YES

Accept Funding Sources

NO

Pursue Another Alternative

Go to Water Treatment Step Seven
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 7

From Water Treatment Step Six

Design Treatment or Blending Facility

Obtain Approval from Funding Agency

Go to Water Treatment Step Eight
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 8

From Water Treatment Step Seven

- Construction Funding Available
  - YES: Accept Funds
    - Apply for Funding
      - Offer of Construction Funding
        - YES: Funding Conditions Acceptable
          - NO: Pursue Another Alternative
        - NO: Accept Funds
          - YES: Go to Water Treatment Step Nine
          - NO: Pursue Another Alternative
  - NO: Pursue Another Alternative
Caruthers CSD
Water Treatment Facility
On a New or Existing Water supply Well

Step 9

From Water Treatment Step Eight

Construct Improvements

Finalize New System Operation

Legend:
- Green: Caruthers CSD
- Blue: Consultant(s)
- Purple: Other
Define Existing Water Use

Existing Water Meters

Existing Water Conservation Program

NO

YES

Done

YES

NO

Define Potential Water Savings with Meters

Define Cost of Water Meters and Associated Improvements

Are Benefits greater than Costs?

Define Means of Meter Reading (Automated or Manual)

Pursue Another Alternative

YES

NO

Identify Funding Sources and Prepare Funding Applications

Prepare Engineering Report

Identify Water Rate Structure Alternatives and Initiate Proposition 218 Process

Identify Water Rate Structure Alternatives

Initiate Proposition 218 Process

YES

NO

Pursue Another Alternative

YES

NO

Proposition 218 Passes

Pursue Another Alternative

See Conservation Page 2 of 2
Funding Conditions
Acceptable

 Proceed with Community Funds

YES

Funding Sources Available (Offer of Funds)

YES

Consider Water Conservation Policies
(Limits on Irrigations, Water Wasting, Low Flow Fixtures)

NO

Pursue Another Alternative

Design Water Meters and Associated Improvements

Construct Improvements

YES

Accept Funds

Step 4

Step 5

Implement Water Conservation Policies as Approved

YES

Construct Improvements

NO

Pursue Another Alternative
Caruthers CSD
Conservation
Step One

start

Define Existing Water Use

Existing Water Conservation Program

Existing Water Meters

YES

Done

NO

Go to Conservation Step Two

NO

Go to Conservation Step Five

YES

Done

Done

Caruthers CSD
Consultant(s)
Other
Caruthers CSD Conservation Step Two

From Conservation Step One

- Define Potential Water Savings with Meters
- Define Cost of Water Meters and Associated Improvements

Are Benefits greater than Costs?

Pursue Another Alternative

NO

YES

Go to Conservation Step Three

Define Means of Meter Reading (Automated or Manual)
Caruthers CSD Conservation Step Three

From Conservation Step Two

Identify Funding Sources and Prepare Funding Applications

Prepare Engineering Report

Identify Water Rate Structure Alternatives

Initiate Proposition 218 Process

YES

Proposition 218 Passes

YES

Go to Conservation Step Four

NO

Pursue Another Alternative

NO

YES

Implement New Rate Structure

Caruthers CSD

Consultant(s)

Other
Caruthers CSD
Conservation
Step Four

From Conservation Step Three

Offer of Funds

Funding Conditions Acceptable

Accept Funds

Design Water Meter and Associated Improvements

Construct Improvements

Pursue Another Alternative

Pursue Another Alternative

NO

YES
Caruthers CSD Conservation Step Five

From Conservation Step Four

Consider Water Conservation Policies (Limits on Irrigations, Water Wasting, Low Flow Fixtures)

Implement Water Conservation Policies as Approved

Define Means to Police Policies

Caruthers CSD
Consultant(s)
Other
Restrict Potable Water Deliveries from Agricultural or Large Turf Irrigation

(Potential)

**Step 1**
- Define Non-Potable Demands
  - Non-Potable Sources
  - Identify Alternatives Such as Non-Potable Wells, Dual Pipe Distribution System. Describe Costs, Regulatory Requirements, Potential Potable Water Savings, Cross Connection Requirements
- Define Recommended Alternative. Define Fee Structure
- Identify Funding Sources and Prepare Funding Applications

**Step 2**
- Identify Water Rate Structure Alternatives
- Initiate Proposition 218 Process
- YES
- Propose 218 Passes
- YES
- Implement New Rate Structure
- Pursue Another Alternative
- NO

See Restrict Potable Water Deliveries from Agricultural or Large Turf Irrigation Page 2 of 2
Restrict Potable Water Deliveries from Agricultural or Large Turf Irrigation

**Step 3**
- **Funding Sources Available (Offer of Funds)**
  - **YES**
  - Design Improvements
  - **NO**
  - Accept Funds
  - **YES**
  - Implement New Rate Structure
  - **NO**
  - Pursue Another Alternative

**Step 4**
- **Obtain Regulatory Approval**
  - **NO**
  - Pursue Another Alternative
  - **YES**
  - Construct Improvements

**Step 5**
- **Design Improvements**
  - **NO**
  - Pursue Another Alternative
  - **YES**
  - See Restrict Potable Water Deliveries from Agricultural or Large Turf Irrigation Page 1 of 2
Caruthers CSD
Restrict Potable Water Deliveries from Agriculture or Large Turf Irrigation

Step One

- Define Non-Potable Demand, Non-Potable Sources
  - Identify Alternatives Such as Non Potable Wells, Dual Pipe Distribution System. Describe Costs, Regulatory Requirements, Potential Potable Water Savings, Cross Connection Requirements
  - Define Recommended Alternative. Define Fee Structure
  - Identify Funding Sources and Prepare Funding Applications

Go to Restrict Potable Step Two
Caruthers CSD
Restrict Potable Water Deliveries from Agriculture or Large Turf Irrigation

Step One

(Notes)
Caruthers CSD
Restrict Potable Water Deliveries from Agriculture or Large Turf Irrigation

Step Two

- From Restrict Potable Step One
- Identify Water Rate Structure Alternatives

- Initiate Proposition 218 Process
  - YES
    - Proposition 218 Passes
      - YES
        - Implement New Rate Structure
      - NO
        - Pursue Another Alternative
  - NO
    - Go to Restrict Potable Step Three

Legend:
- Caruthers CSD
- Consultant(s)
- Other
Caruthers CSD
Restrict Potable Water Deliveries from Agriculture or Large Turf Irrigation

Step Three

From Restrict Potable Step Two

Funding Sources Available

YES

Funding Conditions Acceptable

NO

NO

Pursue Another Alternative

Pursue Another Alternative

Accept Funds

YES

Go to Restrict Potable Step Four

NO

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
Restrict Potable Water Deliveries from Agriculture or Large Turf Irrigation

**Step Four**

- From Restrict Potable Step Three

  Design Improvements

  - Obtain Regulatory Approval

    YES
    - Go to Restrict Potable Step Five
    - NO
      - Pursue Another Alternative
Caruthers CSD
Restrict Potable Water Deliveries from Agriculture
or Large Turf Irrigation

Step Five

From Restrict Potable Step Four
Construct Improvements
Implement New Rate Structure

Caruthers CSD
Consultant(s)
Other
Mitigate a Source of Contamination
(Such as on-site Systems)

**Step 1**
- Define Potential Source(s) of Contamination
  - Example: Nitrate or Coliform from on-site Sanitary Sewer
  - Confirm Hydrogeological Relationship between Potential Source and Source of Water Supply

**Step 2**
- Natural Sources
  - YES
  - Man-Made Sources
    - YES
      - Identify Funding Alternatives
        - Legal Alternatives
      - Investigate Alternatives for Mitigation
        - Example: Upgrade on-site System (Refer to Individual Household Systems Pilot Study)
    - NO
      - Pursue Another Alternative

**Step 3**
- Investigate Alternatives for Mitigation
  - YES
    - Confirm Hydrogeological Relationship between Potential Source and Source of Water Supply
      - Example: Establish Community Sanitary Sewer Collection, Treatment and Disposal System
    - Recommend Alternative
      - Example: Political, Property, Regulatory, and Fiscal Requirements
    - Time Frame for Corrected Water Supply
  - NO
    - Yes
      - Identify Political, Property, Regulatory, and Fiscal Requirements
    - NO
      - Offer of Funds
        - YES
          - Funding Conditions Acceptable
            - YES
              - Offer of Funds
            - NO
              - Pursue Another Alternative
        - NO
          - Pursue Another Alternative

**Step 4**
- See Mitigate a Source of Contamination Page2 of 2
Mitigate a Source of Contamination
(Such as on-site Systems)

Step 5: Proceed with Establishment of Political Entity

Step 6: Proceed with Proposition 218, Define Rate Structures

Proposition 218 Passes

YES

Pursue Another Alternative

Step 7: Finalize Agreements
Design Improvements
CEQA Compliance
Regulatory Permit Applications

Construction Funding Available

YES

Apply for Funding

NO

Pursue Another Alternative

Step 8: Offer of Construction Funding

YES

Accept Funds

NO

Pursue Another Alternative

Funding Conditions Acceptable

YES

Step 9: Implement Operation of Improvements
Construct Improvements

YES

NO

Pursue Another Alternative
Caruthers CSD
Mitigate a Source of Contamination

Step 1

Define Potential Source(s) of Contamination

Go to Mitigate Step Two

Example: Nitrate or Coliform from on-site Sanitary Sewer

Confirm Hydrogeological Relationship between Potential Source and Source of Water Supply
Step 2

From Mitigate Step One

Natural Sources

NO

Pursue Another Alternative

Man-Made Sources

YES

Unknown Source

NO

Go to Mitigate Step Three
Caruthers CSD
Mitigate a Source of Contamination

Step 3

From Mitigate Step Two

Identify Funding Alternatives
Legal Alternatives

Investigate Alternatives for Mitigation

Example: Upgrade on-site System (Refer to Individual Household Systems Pilot Study)

Recommend Alternative

Identify Political, Property, Regulatory, and Fiscal Requirements

Example: Establish Community Sanitary Sewer Collection, Treatment and Disposal System

Time Frame for Corrected Water Supply

Confirm Direct Relationship between Mitigation Alternative and Corrected Water Supply

Go to Mitigate Step Four

Consultant(s)

Caruthers CSD

Other
Caruthers CSD
Mitigate a Source of Contamination

Step 4

From Mitigate Step Three

Political Approval of Property Owner

Funding Sources Available

Prepare Funding Application

Pursue Another Alternative

Offer of Funds

Funding Conditions Acceptable

Go to Mitigate Step Five

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
Mitigate a Source of Contamination

Step 5

From Mitigate Step Four

Proceed with Establishment of Political Entity

Go to Mitigate Step Four
From Mitigate Step Five

Proposition 218 Passes

Yes

Go to Mitigate Step Seven

No

Pursue Another Alternative

Proposition 218 Passes

Yes

Go to Mitigate Step Seven

No

Pursue Another Alternative

Caruthers CSD

Mitigate a Source of Contamination

Step 6
Caruthers CSD
Mitigate a Source of Contamination

Step 7

From Mitigate Step Six

Finalize Agreements
Design Improvements
CEQA Compliance
Regulatory Permit Applications

Go to Mitigate Step Eight

Consultant(s)
Other
Caruthers CSD
Mitigate a Source of Contamination

Step 8

- From Mitigate Step Seven

  Construction Funding Available
  - YES: Apply for Funding
    - NO: Pursue Another Alternative

  Offer of Construction Funding
  - YES: Funding Conditions Acceptable
  - NO: Pursue Another Alternative

  Accept Funds
  - YES: Go to Mitigate Step Nine
  - NO: Pursue Another Alternative

Funding Available
- YES: Offer of Construction Funding
- NO: Pursue Another Alternative

Caruthers CSD
Consultant(s)
Other
Caruthers CSD
Mitigate a Source of Contamination

Step 9

From Mitigate Step Seven

Construct Improvements

Implement Operation of Improvements

Legend:
- Caruthers CSD
- Consultant(s)
- Other