

**SEPA
ENVIRONMENTAL CHECKLIST**

A. BACKGROUND

1. Name of proposed project, if applicable:

Projects contained in the City of Sumner USDA Preliminary Engineering Report – Water Utility Improvement Projects. Specifically, the following projects are proposed in the above-mentioned document:

- *Project D2 – Rainier Street Replacement*
- *Project D3 – Main Street and Kincaid Avenue Loop*
- *Project D4 – Thompson Street and Silver Street Loop*
- *Project D9 – East Valley Highway from Salmon Creek to CTI*
- *Project D12 – 8th Street East and East Valley Highway Loop*
- *Project D13 – Valley Avenue East from West Well to Houston Road*
- *Project S1 – West Well Improvements*
- *Project S2 – South Well Improvements*
- *Project S3 – Central Well*
- *Project S7 – Water Rights Modification*
- *Project S8 – Additional Water Rights*
- *Project S9 – Mountain View-Edgewood Intertie*
- *Project S10 – Spring Source Improvements*
- *Project S11 – Puyallup Intertie*
- *Project ST1 – West Reservoir*
- *Project ST2 – Reservoir Seismic Retrofit Project*

2. Name of applicant:

City of Sumner, Public Works Department

3. Address and phone number of applicant and contact person:

*Mike Dahlem, City Engineer
City of Sumner
1104 Maple Street
Sumner, WA 98390
Telephone: 253-299-5701*

4. Date checklist prepared:

June 1, 2010

5. Agency requesting checklist:

City of Sumner

United States Department of Agriculture (USDA) Rural Development (RD)

Rev 1 3/4 PLN 2010-00024

6. Proposed timing or schedule (include phasing, if applicable):

Funds for project design and construction will be available beginning approximately October 2010. The proposed schedule for project completion is from October 2010 to October 2015.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Yes. Projects will be constructed in accordance with the USDA Preliminary Engineering Report – Water Utility Improvement Projects. Distribution, source, storage, and operations and maintenance improvements are discussed in Chapter 8 of the Water System Plan. Capital improvement and operation and maintenance program/improvement scheduling is shown in Table 8-1 of the Water System Plan.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

The Water System Plan Update SEPA checklist was prepared in October of 2009. NEPA is currently being conducted for the projects outlined in the USDA Preliminary Engineering Report – Water Utility Improvement Projects. Environmental information will be developed and compiled during design and construction of each individual project as required by Sumner Municipal Code.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

The subject projects outlined in the USDA Preliminary Engineering Report – Water Utility Improvement Projects and the 2009 Water System Plan covers an area greater than 7,000 acres. While there are numerous proposals pending within the service area, there are no known conflicts.

10. List any government approvals or permits that will be needed for your proposal, if known.

For projects that may exceed greater than 50 cubic yards of land disturbance, cutting, and filling, the City requires a Site Development Permit for erosion and sedimentation control.

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The primary focus of the proposed system improvements is to improve system redundancy, reliability, and flexibility by increasing the overall physical capacity of the system and the number of points of withdrawal, or sources, within the system.

The current and proposed Sumner Water Service Area boundary encompasses greater than 7,000 acres. The USDA Preliminary Engineering Report – Water Utility Improvement Projects (based on the Sumner Water System Plan) recommends capital improvements, operation and maintenance replacement projects, and operation and maintenance program implementation necessary to provide a safe, clean, and reliable water supply to the City's residents and water service customers. Improvements recommended in the USDA Preliminary Engineering Report – Water Utility Improvement Projects include those required at present and those projected to be required in the future for source, storage, conveyance, water rights, water treatment, and operations and maintenance.

Significant projects proposed in the next 5 years include various transmission main replacements and extensions, improvements to the existing South Well and West Well, and water right adjustments and acquisition to construct a new potable-water well to increase system instantaneous capacity. The locations of individual projects are identified in the USDA Preliminary Engineering Report – Water Utility Improvement Projects.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of an area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Sumner Water Service Area lies entirely in Pierce County, specifically T20N R4E, T20N R5E, and T19N R5E.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): flat, rolling, hilly, steep slopes, mountainous, other.

The valley floor is flat with slopes ranging from 0 to 5 percent. Hillside slopes to the east and west vary from 20 to approximately 100 percent.

- b. What is the steepest slope on the site (approximate percent slope)?

Approximately 100 percent on the east and west slopes.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

The valley floor is primarily made up of Puyallup, Sultan, Puget, Snohomish, and Briscott soil types. These soils are somewhat poorly draining alluvial deposits. These soils are well suited for agriculture.

The hillside(s) and upland soils are predominantly of the Alderwood series. These soils are moderately draining, and are located on slopes ranging from 20 to 70 percent. Everett, Kapowsin, and Kitsap soil types are also present in the upland areas. These soils range from poorly to excessively draining.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

Evidence of past slides can be seen on the hillsides above East and West Valley Highways. Both the east and west hillsides have a history of unstable soils. Projects ST1 and S9, proposed on the west hillside, and Project S10, proposed on the east hillside may be affected by the unsuitable soils.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

New water lines may be backfilled with either native or imported fill material, depending on the location of the installation (approximately 1 cubic yard per linear foot of pipe installed). The proposed 2-million-gallon reservoir on the west hill will require an undetermined amount of cut and fill during construction.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

The potential for erosion during the 2-million-gallon reservoir construction on the west hill and during construction of the spring improvements on the east hill is high. Requirements related to controlling surface water flows and stabilizing denuded areas will be established during the design. The potential for erosion from construction projects proposed on the valley floor is minimal due to shallow slopes.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

An undetermined amount of impervious area would be created during the construction of the 2-million-gallon reservoir on the west hill in the form of access roads, parking areas, an operations building, and the reservoir itself. An undetermined amount of new impervious surface will be created during the improvements to the new and existing wells by construction of new operations buildings.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Best management practices described in the stormwater control manual as adopted by the Sumner Municipal Code will be implemented to control erosion and surface water impacts. Migration of silt from construction sites will be prevented by installing silt fencing, phased construction, terracing, and other best management practices. Disturbance of ground will be minimized to minimize erosion potential. Disturbed areas will be stabilized during construction and will be revegetated as soon as possible after construction activities are complete.

2. Air

- a. What types of emissions to the air would result from the proposal (for example: dust, automobile odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Petroleum fumes and dust from construction equipment will be emitted during construction activities. There will not be any emissions from completed projects.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

None.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any?

Slashing and burning cleared vegetation will be prohibited. Fugitive dust will be controlled by implementing best management practices such as sprinkler trucks, jute matting, and hydroseeding.

3. Water

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Major surface water bodies in the project area include the Puyallup River, the White River, Salmon Creek, Van Ogles Creek, and Milwaukee Ditch. Van Ogles Creek is tributary to the Puyallup River. Salmon Creek and Milwaukee Ditch are tributary to the White River. Wetlands are interspersed throughout the service area.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes, Salmon Creek will be crossed by proposed conveyance extension Project D9. The creek crossing will likely be constructed as an overhead crossing at the existing bridge on East Valley Highway.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site what would be affected. Indicate the source of fill material.

There is no anticipated dredging or filling from surface waters. Disturbance to wetlands as a result of improvement construction will be mitigated per the applicable regulations.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No surface water withdrawals are anticipated.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Portions of Project D9 will be constructed within the White River 100-year flood plain. The Salmon Creek crossing will be constructed above the 100-year flood elevation.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

None anticipated.

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

The City of Sumner currently withdraws, on average, approximately 1.5 million gallons per day for domestic water use. Source improvement projects proposed in the USDA Preliminary Engineering Report – Water Utility Improvement Projects (and in the Water System Plan) will increase the capacity of several existing sources and introduce additional sources. No water will be discharged to groundwater. It is anticipated that minimal dewatering will be required during improvement construction activities.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals: _____; agricultural: _____; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None anticipated.

c. Water Runoff (including storm water):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Stormwater from construction sites will be controlled to prevent erosion and fines migration off site. Runoff from impervious areas

created as a result of improvement construction will be controlled as required by the Sumner Municipal Code.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

Suspended solids may be discharged to surface waters during construction activities.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Erosion and sedimentation control best management practices will be implemented and maintained. Erosion and sedimentation control measures will be per the stormwater manual adopted by the Sumner Municipal Code.

4. Plants

- a. Check or circle types of vegetation found on the Site:

- Deciduous tree: alder, maple, aspen, other
 Evergreen tree: fir, cedar, pine, other
 Shrubs
 Grass
 Pasture
 Crop or grain
 Wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
 Water plants: water lily, eelgrass, mil foil, other
 Other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

Some clearing of forested areas is anticipated for construction of the 2-million-gallon reservoir and the Mountain View-Edgewood Intertie proposed on the west hill. Clearing and grubbing of native and second-growth forest, grasslands, and urban landscaping is anticipated for installation of the distribution mains.

- c. List threatened or endangered species known to be on or near the site.

None known.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.

Deforested areas will be replaced with Douglas fir, cedar, and other native species as allowed per the design. Landscaping vegetation will be replaced in kind. Wetlands will be revegetated with species suitable for Western Washington wetland habitat.

5. Animals

- a. Circle any birds and animals that have been observed on or near the site or are known to be on or near the site:

Birds: hawk, heron, eagle, songbirds, other: _____
 Mammals: deer, bear, elk, beaver, other: rodents
 Fish: bass, salmon, trout, herring, shellfish, other: _____

- b. List any threatened or endangered species known to be on or near the site.

Salmon species.

- c. Is the site part of a migration route? If so, explain.

The Puyallup and White Rivers are a migration route for Pacific Northwest salmon species.

- d. Proposed measures to preserve or enhance wildlife, if any:

Disturbed areas will be restored to natural state to the extent practical.

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity will be used to run well pumps, chlorination facilities, and telemetry equipment at completed projects.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

Telemetry controls will reduce the operational hours of pumps and other equipment to the number of hours necessary to satisfy potable water demands. Transmission mains will take advantage of gravity rather than relying on mechanical pumping.

7. Environmental Health:

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Chlorine storage and use on site at each potable water source. Chlorine could pose a health and safety risk if improperly handled or stored.

- 1) Describe special emergency services that might be required.

Chlorine spill cleanup may be required. Emergency treatment of the water supply(s) may be required in the event of contamination. Emergency Response and Contingency Plans are provided in an appendix of the 2009 Water System Plan.

- 2) Proposed measures to reduce or control environmental health hazards, if any:

Chlorine facilities will be checked daily. Respirators and protective clothing will be available at each site in case of chlorine spills/leaks.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Construction equipment during improvement construction.

- 2) What types and levels of noise could be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Noise levels at the improvement sites will be elevated during construction activities. Construction activities will occur between 8 a.m. and 5 p.m., Monday through Friday, except on holidays.

- 3) Proposed measures to reduce or control noise impacts, if any:

Construction equipment operational noise will be confined to normal working hours. No long-term noise increases are anticipated at the completed improvement sites.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?

General land-use classifications within the Water Service Area include residential, commercial, industrial, civil/parks, and agricultural.

- b. Has the site been used for agriculture? If so, describe.

Yes, various sites within the Water Service Area are utilized for agricultural purposes, including turf and rhubarb.

- c. Describe any structures on the site.

Various residential, commercial, industrial, and civil buildings exist within the Water Service Area.

- d. Will any structures be demolished? If so, what?

None anticipated.

- e. What is the current zoning classification of the site?

Current zoning is described in the Sumner Comprehensive Plan (on file at the City of Sumner Public Works Department and on the City's website [<http://www.ci.sumner.wa.us/>]). A current zoning map is provided in the USDA Preliminary Engineering Report –Water Utility Improvement Projects.

- f. What is the current comprehensive plan designation of the site?

Current land use designations within the Water Service Area are described in the Sumner Comprehensive Plan (on file at the City of Sumner Public Works Department and on the City's website [<http://www.ci.sumner.wa.us/>]). A current land use designation map is provided in the USDA Preliminary Engineering Report –Water Utility Improvement Projects.

- g. If applicable, what is the current shoreline master program designation of the site?

Urban, Conservancy, and Natural.

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Wetlands, steep slopes, and flood plains are located within the Sumner Water Service Area. These areas are shown and described in the Sumner Comprehensive Plan (on file at the City of Sumner Public Works Department). Projects ST1, ST2, ST10, and S9 are located in Landslide and Erosion Hazard Areas.

- i. Approximately how many people would reside or work in the completed project?

One to two additional full-time employees will be required to fully implement the ongoing and proposed operation and maintenance programs and to operate the existing and proposed potable water infrastructure in the 5-year planning period.

- j. Approximately how many people would the completed project displace?

None anticipated.

- k. Proposed measures to avoid or reduce displacement impacts, if any:

Distribution main replacement and extension projects will be completed in existing right-of-way whenever possible. All source improvements will be completed on City-owned property. Wetlands, steep slopes, and flood plains will be minimally disturbed. Natural vegetation will be maintained as much as practicable, and disturbed areas will be revegetated with native species as much as practicable.

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The Growth Management Act requires concurrence of plans. The USDA Preliminary Engineering Report – Water Utility Improvement Projects is based on projects outlined in the Water System Plan which was developed in conformance with the recommendations and land-use projections specified in the City of Sumner and Pierce County Comprehensive Plans.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None anticipated.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None anticipated.

- c. Proposed measures to reduce or control housing impacts, if any:

Proposed facilities will be located in existing right-of-way or City-owned property as much as possible.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas? What is the principal exterior building material(s) proposed?

The proposed 2-million-gallon reservoir is expected to be no more than 40 feet high. The tank will be constructed of steel or concrete. Control buildings for new and improved well sites are anticipated to be constructed with concrete masonry units. Control buildings are expected to be no more than 20 feet high.

- b. What views in the immediate vicinity would be altered or obstructed?

None anticipated.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

New structures will be painted or finished to blend into the surroundings. Landscaping will be installed at each site as required by Sumner Municipal Code.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

The proposed 2-million-gallon reservoir and well-control buildings are expected to have site lighting to discourage vandalism. Lighting will probably be activated during evening, night, and early morning hours.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

Not anticipated.

- c. What existing off-site sources of light or glare may affect your proposal?

None.

- d. Proposed measures to reduce or control light and glare impacts, if any:

Site lighting will be shielded and focused to on-site areas.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

Current recreational opportunities are inventoried in the Sumner Parks and Recreation Plan. Recreational opportunities include fishing, hunting, golfing, hiking, biking, rafting, canoeing, and playgrounds.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

None anticipated.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None.

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

There are several historic homes within the Water Service Area.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

The Muckleshoot and Puyallup Indian Tribes place great cultural significance on the fishery resource provided by the White and Puyallup Rivers, and tributaries thereof.

- c. Proposed measures to reduce or control impacts, if any:

In the event any archeologically significant artifacts are found during construction of the proposed improvements, all work will be suspended until an investigation and evaluation of the site can be completed by archeologists to ensure that artifacts are protected and preserved. Fisheries impacts will be avoided whenever possible.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Major highways located within the Water Service Area include SR 167, SR 410, SR 162, East Valley Highway, and West Valley Highway. Arterials and neighborhood streets are shown on maps presented in the USDA Preliminary Engineering Report – Water Utility Improvement Projects.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The City of Sumner is served by Pierce Transit.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

Parking will be provided for City vehicles at the 2-million-gallon reservoir and new/improved well sites. No additional public parking spaces will be created by the improvement projects. It is not anticipated that public parking spaces will be eliminated by the proposed improvement projects.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

Access roads to new facilities will be constructed. Installation of improvements within existing right-of-way will likely require that the existing roads within the right-of-way be disturbed. Therefore, existing roads within construction sites will be resurfaced to preconstruction conditions.

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

One proposed distribution main extension project (Project D12) will require that a water main be jacked and bored under the BNSF railroad tracks paralleling East Valley Highway.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

None anticipated after project completion.

- g. Proposed measures to reduce or control transportation impacts, if any:

None.

15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

Completion of the proposed projects will increase the City water system operation and maintenance responsibilities. Completion of the proposed projects will increase the quality and availability of public services (related to potable water).

- b. Proposed measures to reduce or control direct impacts on public services, if any:

Appropriate rates and system development charges will be assessed to fund the ongoing maintenance and operation and capital expenditures of the facility improvements.

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

The Water Service Area encompasses the incorporated Sumner city limits and beyond. All of the above-mentioned utilities are available within the Water Service Area.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Electrical for 2-million-gallon reservoir and new/improved well sites. Electrical service will be provided by Puget Sound Energy. Stormwater control facilities will be constructed at each new and improved facility as required by the Sumner Municipal Code. The City of Sumner will manage the stormwater facilities.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

SIGNATURE

The above answers are true and complete to the best of my knowledge.
I understand that the lead agency is relying on them to make its decision.

Signature: Mike Dan

Date Submitted: 6-4-10

C. SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

(Do not use this sheet for project actions.)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

None.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

None.

3. How would the proposal be likely to deplete energy or natural resources?

Not applicable.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Not applicable.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

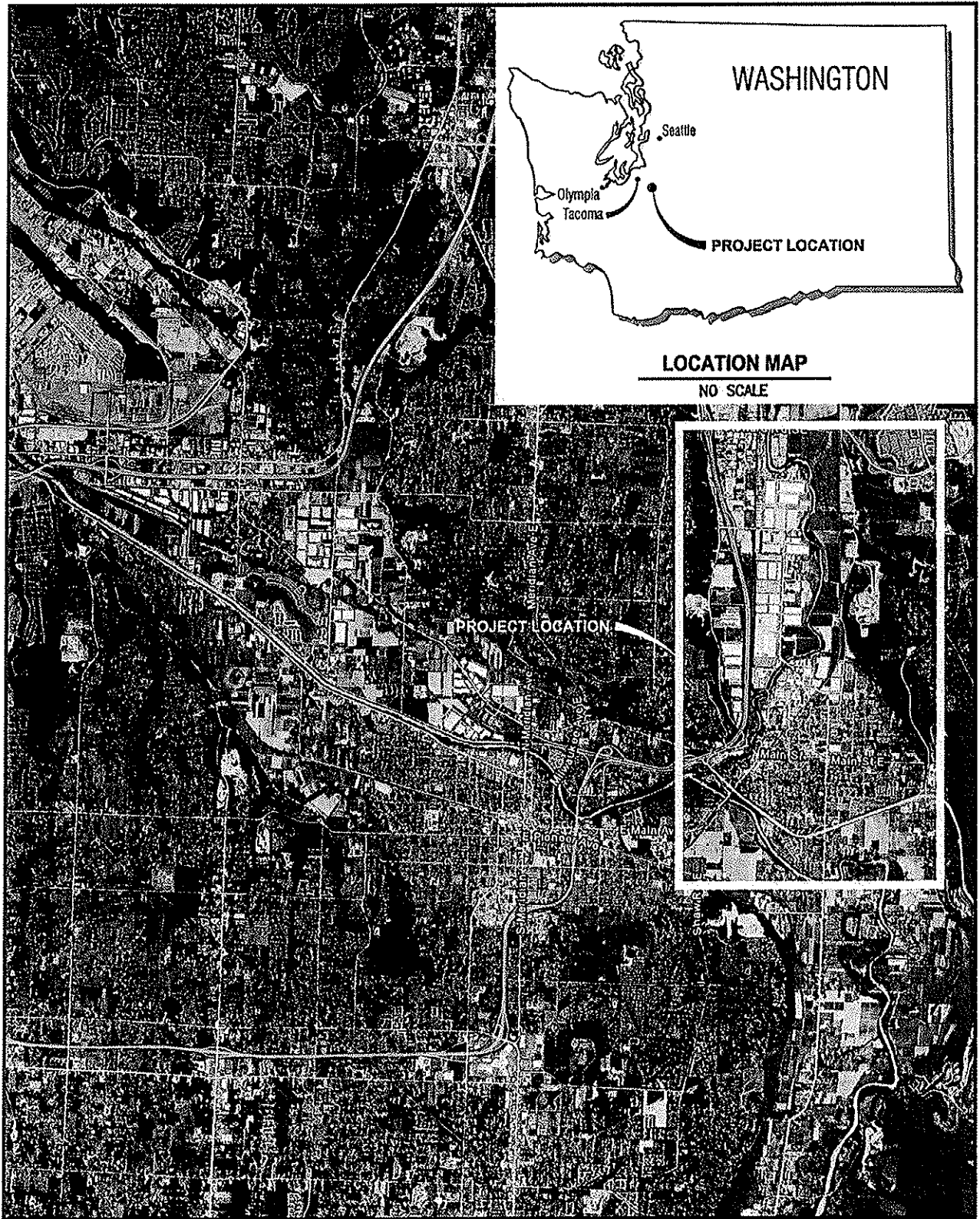
Not applicable.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

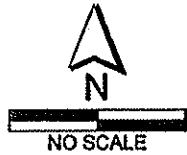
Not applicable.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

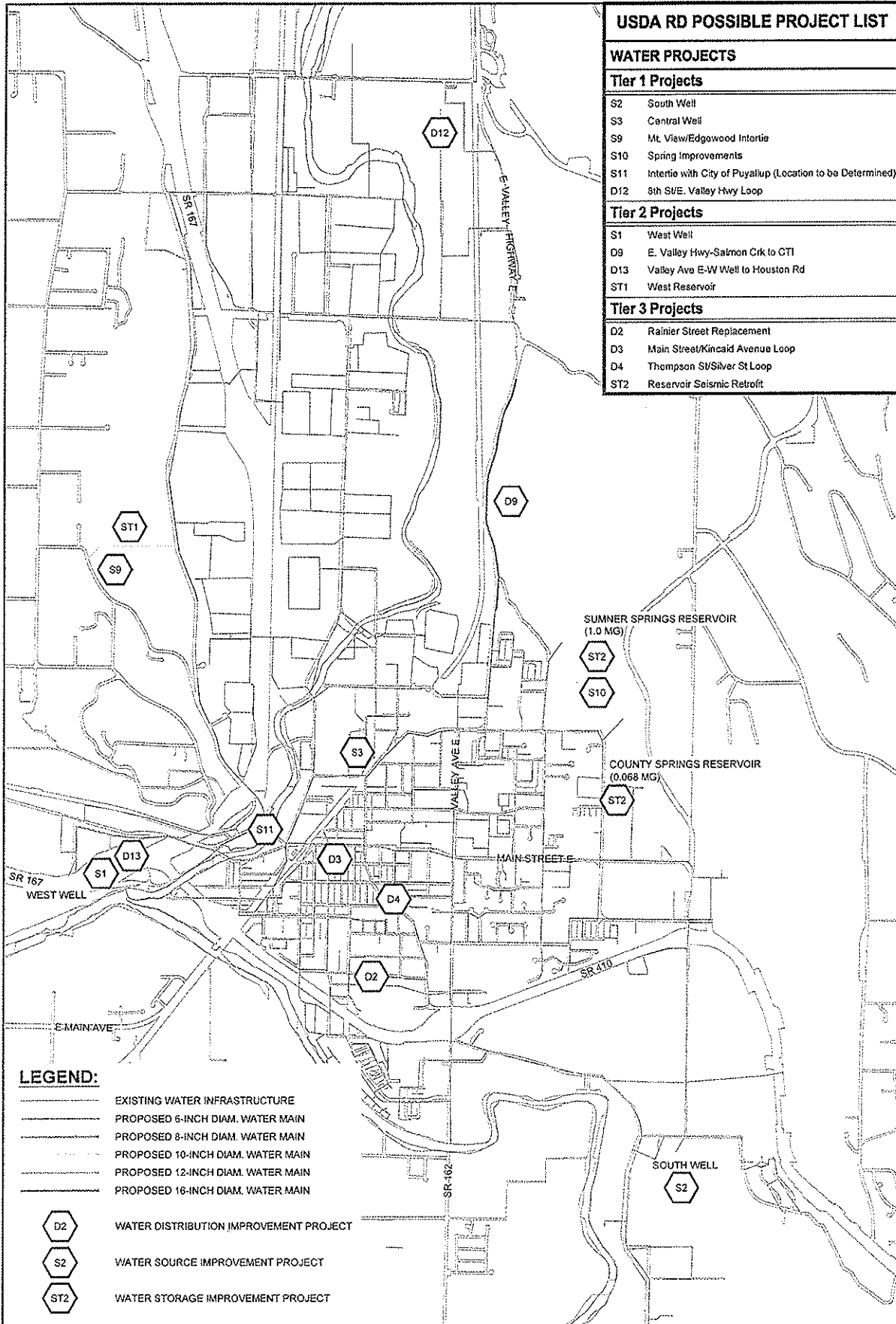
The USDA Preliminary Engineering Report – Water Utility Improvement Projects is based on the Water System Plan which is compatible with the Sumner Comprehensive Plan, Sumner Sewer System Plan, Sumner Stormwater Plan, and all applicable Sumner ordinances and codes. It is not anticipated that the proposed improvements will conflict with local, state, or federal laws or requirements for the protection of the environment.



Parametrix DATE: May 10, 2010 FILE: Sumn-Env-Rep-Fig_1-1



**Figure 1-1
City of Sumner
Vicinity Map**

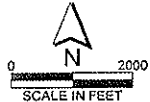


| USDA RD POSSIBLE PROJECT LIST | |
|-------------------------------|---|
| WATER PROJECTS | |
| Tier 1 Projects | |
| S2 | South Well |
| S3 | Central Well |
| S9 | Mt. View/Edgwood Interie |
| S10 | Spring Improvements |
| S11 | Interie with City of Puyallup (Location to be Determined) |
| D12 | 8th S/E. Valley Hwy Loop |
| Tier 2 Projects | |
| S1 | West Well |
| D9 | E. Valley Hwy-Salmon Crk to CTI |
| D13 | Valley Ave E-W Well to Houston Rd |
| ST1 | West Reservoir |
| Tier 3 Projects | |
| D2 | Rainier Street Replacement |
| D3 | Main Street/Kincaid Avenue Loop |
| D4 | Thompson St/Silver St Loop |
| ST2 | Reservoir Seismic Retrofit |

LEGEND:

- EXISTING WATER INFRASTRUCTURE
 - PROPOSED 6-INCH DIAM. WATER MAIN
 - PROPOSED 8-INCH DIAM. WATER MAIN
 - PROPOSED 10-INCH DIAM. WATER MAIN
 - PROPOSED 12-INCH DIAM. WATER MAIN
 - PROPOSED 16-INCH DIAM. WATER MAIN
-
- WATER DISTRIBUTION IMPROVEMENT PROJECT
 - WATER SOURCE IMPROVEMENT PROJECT
 - WATER STORAGE IMPROVEMENT PROJECT

Parametrix DATE: May 20, 2018 FILE: 00157061/P027104F-1-1



**Figure 1-2
City of Sumner
Proposed Water System
Improvement Projects**