DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE., P.O. BOX 90012
BELLEVUE, WA 98009-9012

OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

File No. 14-109075-GD

Project Name/Address: 2014 AC Watermain Replacement CIP W-16

Planner: David Wong

Phone Number: 425-452-4282/dwong@bellevuewa.gov

Minimum Comment Period: April 3, 2014

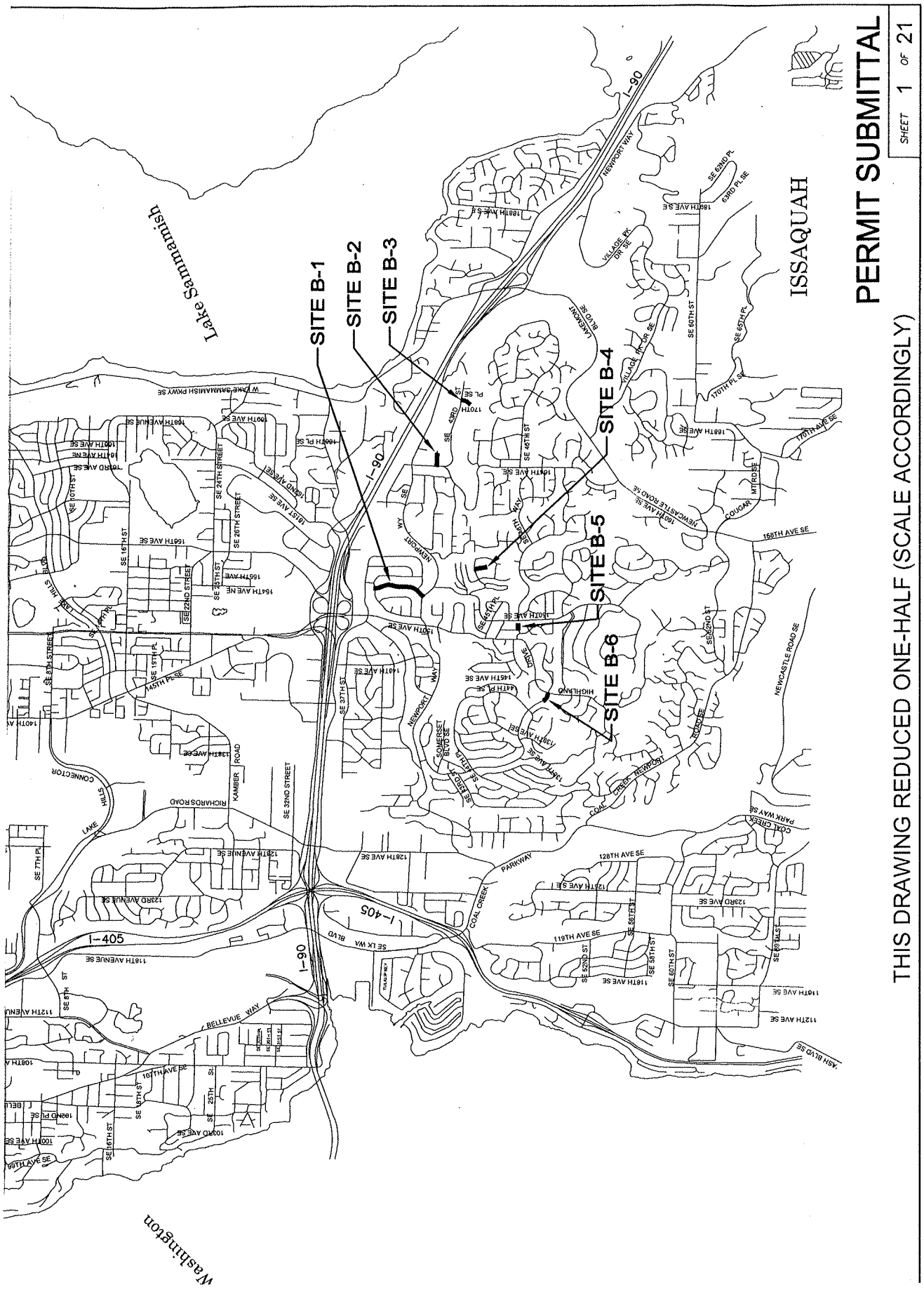
Materials included in this Notice:

☒ Blue Bulletin
☒ Checklist
☒ Vicinity Map
☐ Plans
☐ Other:

OTHERS TO RECEIVE THIS DOCUMENT:
☒ State Department of Fish and Wildlife / Sterwart.Reinbold@dfw.gov; Christa.Heller@dfw.wa.gov;
☒ State Department of Ecology, Shoreline Planner N.W. Region / Jobu461@ecy.wa.gov; sepaunit@ecy.wa.gov
☒ Army Corps of Engineers Susan.M.Powell@nws02.usace.army.mil
☒ Attorney General ecyolyef@atg.wa.gov
☒ Muckleshoot Indian Tribe Karen.Walter@muckleshoot.nsn.us; Fisheries.fileroom@muckleshoot.nsn.us

2014 AC Water Main Replacement Project

City of Bellevue Utilities Department



City of Bellevue Submittal Requirements | **27a**

ENVIRONMENTAL CHECKLIST

3/10/14

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.

BACKGROUND INFORMATION

Property Owner: City of Bellevue Right of Way

Proponent: City of Bellevue Utilities

Contact Person: Abe Santos, PE, COB Utilities
(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: 450 110th Ave NE. Bellevue, WA 98004

Phone: 425-452- 6456

Proposal Title: 2014 AC Main Water Line Replacement

Proposal Location:
(Street address and nearest cross street or intersection) Provide a legal description if available.

- 153rd Ave. ~~NE~~ SE (from SE 39th St. to SE Newport Way)
- SE 42nd Place (from 164th Ave SE to fire hydrant)
- 170th Place SE (from SE 43rd St)
- 154th Place SE (from SE 44th Place)
- SE 46th Place (from 149th Ave SE)
- Somerset Blvd (near Highland Drive)

Please attach an 8 ½" x 11" vicinity map that accurately locates the proposal site. See attached

Give an accurate, brief description of the proposal's scope and nature:

1. General description: Abandon in place most of the existing AC water main at the 6 sites in Bellevue and 3 sites in Medina.

2. Acreage of site: 30,000 square feet

3. Number of dwelling units/buildings to be demolished: None

4. Number of dwelling units/buildings to be constructed: None

5. Square footage of buildings to be demolished: None

6. Square footage of buildings to be constructed: None

7. Quantity of earth movement (in cubic yards): 5,000 cubic yards of cut and fill

8. Proposed land use: No change

9. Design features, including building height, number of stories and proposed exterior materials: N/A

10. Other

Estimated date of completion of the proposal or timing of phasing: April 1, 2014 to December 31, 2014

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

This project is part of an ongoing series of Capital Improvement Projects to replace AC water mains with new water mains. Some of the new water mains are larger in diameter to provide better fire flow to the surrounding neighborhoods.

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

None.

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. List dates applied for and file numbers, if known.

Grading Permit is pending, 14-109075 GD, submitted January 14, 2014
Right of Way permit is pending, 14-109074-TK, Submitted January 14, 2014

List any government approvals or permits that will be needed for your proposal, if known. If permits have been applied for, list application date and file numbers, if known.

Grading Permit is pending, 14-109075 GD, submitted January 14, 2014
Right of Way permit is pending, 14-109074-TK, Submitted January 14, 2014

Please provide one or more of the following exhibits, if applicable to your proposal.
(Please check appropriate box(es) for exhibits submitted with your proposal):

☐ Land Use Reclassification (rezone) Map of existing and proposed zoning

☐ Preliminary Plat or Planned Unit Development
Preliminary plat map

X Clearing & Grading Permit (See Grading Permit 14-109075
X Plan of existing and proposed grading
Development plans

☐ Building Permit (or Design Review)
Site plan
Clearing & grading plan

☐ Shoreline Management Permit
Site plan

A. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site: X Flat X Rolling ☐ Hilly ☐ Steep slopes ☐ Mountains ☐ Other

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

6% grade, Work is within existing Streets and Right of Way

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

Clay, compact till. No agricultural soils are known.

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

No.

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

The grading work at the six sites includes removal of existing street pavement and existing soils within 2.5 foot wide trenches. The pavement is removed 3 feet to 6 feet from centerline of trench and disposed properly off site.

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

Erosion can occur. To prevent erosion the grading permit package includes Temporary Erosion and Sedimentation Control Measures, TESCP. The grading permit package is also accompanied by a Construction Storm Water Pollution Prevention Plan, CSWPPP. The measures included in the TESCP and CSWPPP protect local drainage facilities, require materials to be covered within two days or sooner if rain is anticipated, and that streets are kept clean during the entire construction period. Erosion Control per BCC 23.76

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
The sites are all covered currently with asphalt and will be covered by asphalt when the work is completed.

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

See measures contained in the grading permit TESCP plan sheet and the attached CSWPPP that outline specific measures to control and reduce erosion during construction. In addition, the project is inspected by city staff and a pre-construction meeting is held with the contractor to go over all construction requirements including erosion control measures.

2. AIR

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

There is potential for dust and engine odors during construction. No odors will be generated after the replacement asphalt surface is restored and cured.

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 the air, if any:

Turn off idling equipment. Use newer more fuel efficient equipment and trucks that reduce emissions. Keep streets clear of muddy sediment that can become airborne.

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.

The work on Site B-3 on 170th Place SE, at its nearest point, is approximately 156 feet from stream 0160. This stream is not considered fish bearing above SE Newport Way.

(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.

The work on Site B-3 on 170th Place SE, at the nearest point of construction is approximately 156 feet from stream 0160. See attached plans

(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 that would be affected. Indicate the source of fill material.

None.

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

No.

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

No.

(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.

b. Ground

(1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description.

No.

(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.

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.

Existing stormdrainage patterns and collection catch basins will remain after construction. No additional impervious surface will be added beyond repairs to streets from trenching for the new water lines.

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

No.

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

No. Most of the excavated materials from street cuts and the actual trenching is removed from the site and properly disposed of or recycled. Any stockpiled materials are covered within 48 hours or sooner if rain is in the forecast.
Silt socks covering downstream catchbasins and other BMPs are in place throughout the entire construction sequence. See TESCP plan sheet and the CSWPPP plan document.

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

X shrubs

X grass

☐ pasture

☐ crop or grain

☐ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other

☐ water plants: water lily, eelgrass, milfoil, other

☐ other types of vegetation

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

Limited vegetation to be disturbed in street shoulder. Most of the sites are covered by existing streets or gravel shoulders. Disturbed grass and shrubs are to be replaced.

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

None.

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

5. ANIMALS

a. Check or circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

X Birds: hawk, heron, eagle, X songbirds, other:

X Mammals: X deer, bear, elk, beaver, other: Deer visit the adjacent residential properties to forage for food.

☐ Fish: bass, salmon, trout, herring, shellfish, other: The portion of stream 0160 that is near site B-3 is not a fish bearing stream segment. Stream 0160 is considered Fish Bearing below Newport Way, approximately 700 feet north of the site.

b. List any threatened or endangered species known to be on or near the site.
None.

c. Is the site part of a migration route? If so, explain.
No. Bird migration does occur over this area, but there are no water bodies used by migrating water fowl near the six construction sites.

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

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 need? Describe whether it will be used for heating, manufacturing, etc.

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

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

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.

None.

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

Emergency Services would only be needed for accidents during construction. To avoid accidents, the project sites are inspected, traffic control plans are reviewed and approved for each site.

(2) Proposed measures to reduce or control environmental health hazards, if any.

No storage of diesel on-site. Re-fueling to occur more than 200 feet from streams. Emergency phone numbers are provided to contractor to call in case of a spill.

b. Noise

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

These are residential areas with non-commercial noise that include car and truck traffic, lawn mowers etc.

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

The project would generate short term noise during construction from cutting into streets and excavation equipment and dump trucks. Hours of operation will be limited to work hours specified in City of Bellevue code.

Noise regulated by BCC 9.18

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

Use newer equipment with mufflers in good working condition. Turn off idling equipment.

8. Land and Shoreline Use

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

Residential.

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

No.

c. Describe any structures on the site.

Streets with underground utilities and some overhead electrical and cable utilities on poles.

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

No. Street cuts only.
e. What is the current zoning classification of the site?
The six sites are located in the south East quadrant of the city and have either R-3.5 or R-5 zoning, both single family zones.

f. What is the current comprehensive plan designation of the site?
There are two Comprehensive Plan designations, PF/SF-H, high density residential or SF-M for the areas zoned R-3.5.

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

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
No.

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

Approximately 100 single family houses are located adjacent to the six sites.

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

None.

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

N/A

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

Replacement of water lines is part of ongoing water main replacement program by the Utilities Deparmtnet to keep Utilities serving residential neighborhoods in good working order and to reduce sudden loss of water service or fire flow.

9. Housing

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

N/A

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

N/A

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

N/A

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?
N/A

b. What views in the immediate vicinity would be altered or obstructed?
N/A

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

N/A

11. Light and Glare

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

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

N/A

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

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

N/A

12. Recreation

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

Walking trails and sidewalks. Schools in the area have walking tracks or other recreational facilities open to the public during non-school hours.

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

No.

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

N/A

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.
No.

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.
None.

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

None.

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.

The streets impacted at these six sites serve residential areas as collector streets.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
None of the water line replacements will impact pedestrian movement to or from the limited public transit in the area.

c. How many parking spaces would be completed project have? How many would the project eliminate?
N/A

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).
No.

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

No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
No additional vehicle trips will be generated by the project.

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

Coordination with Transportation on traffic control during construction and then following requirements for street repair after construction.

15. Public Services

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

No.

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

None.

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.
Standard utilities are available that are found in typical residential neighborhoods.

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.

Replacement of water lines 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.....

Date Submitted.....March 10, 2014.....