

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[help\]](#)

1. Name of proposed project, if applicable: [Former Bothell Paint and Decorating Site \(Model Toxics Control Act Remedial Action\)](#)
2. Name of applicant: [City of Bothell](#)
3. Address and phone number of applicant and contact person:

Ms. Nduta Mbutia
City of Bothell
18415 101st Avenue NE
Bothell, WA 98011
(425) 486-2768

4. Date checklist prepared: [October 12, 2017](#)
5. Agency requesting checklist: [Washington State Department of Ecology](#)
6. Proposed timing or schedule (including phasing, if applicable): [Record institutional controls \(environmental covenants\) in 2018, pending implementation of final cleanup action plan under MTCA Agreed Order. Conduct groundwater compliance monitoring for a duration of approximately five years and perform one Horse Creek storm water monitoring event. Monitoring events to start in accordance with schedule in agreed order, which is expected to be finalized before the end of this year.](#)
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [Conduct groundwater compliance monitoring, single event Horse Creek storm water monitoring, and record environmental covenants. This SEPA Environmental Checklist is for these items only.](#)
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
[Draft Final Remedial Investigation/Feasibility Study Report, prepared by HWA GeoSciences Inc., dated August 10, 2017](#)
[Compliance Ground Water Monitoring Plan, prepared by HWA GeoSciences Inc., dated August 10, 2017](#)
[Draft Final Cleanup Action Plan, prepared by Washington State Department of Ecology in collaboration with the City of Bothell, dated August 10, 2017](#)
- These reports include past and current site characterization data including soil and/or groundwater testing through 2015. Annual groundwater monitoring reports will be prepared during the duration of compliance groundwater monitoring (estimated five year period).
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. [No.](#)
10. List any government approvals or permits that will be needed for your proposal, if known. [None anticipated.](#)
11. Give 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 proposed project will implement the final cleanup action plan for this MTCA site. It will consist of recording environmental covenants, conducting monitoring of groundwater](#)

via existing groundwater monitoring wells, and perform one Horse Creek storm water monitoring event. Interim action soil cleanups for petroleum hydrocarbons and metals were conducted in 2010, 2013, and 2014 at the Site.

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 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 project site does not have a physical address. The project site consists of a portion of a newly formed parcel called Lot C, public right-of-way for the newly constructed and re-aligned State Route 522, and the City parcel, which is vegetated (grassy) land associated with the Bothell Landing Park (see attached figure). The legal description of the former 0.79-acre Bothell Former Paint and Decorating Site (prior to recent roadway construction) was as follows:

TAX PARCEL 9457200081: LOT 8, WILSON'S GARDEN TRACTS, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 22 OF PLATS, PAGE 91, IN KING COUNTY, WASHINGTON; EXCEPT THAT PORTION OF SAID PREMISES CONVEYED TO THE STATE OF WASHINGTON FOR ROAD PURPOSES BY DEEDS RECORDED UNDER RECORDING NUMBERS 2783224 AND 2839172.

TAX PARCEL 9457200072: THE WEST 47.17 FEET OF TRACT 7, WILSON'S GARDEN TRACTS, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 22 OF PLATS, PAGE 91, RECORDS OF KING COUNTY, WASHINGTON; EXCEPT THOSE PORTIONS OF SAID TRACT 7 CONVEYED TO THE STATE OF WASHINGTON FOR ROAD PURPOSES RECORDED UNDER RECORDING NUMBERS 2783219 AND 2783222.

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth [\[help\]](#)

- a. General description of the site: The project site consists of public right-of-way for a portion of the newly constructed State Route 522, vacant land (portion of Lot C), and vegetated land associated with the Bothell Landing Park. The site is located approximately 240 feet north of the Sammamish River and extends to the north side of State Route 522 (approximately 500 feet north of the Sammamish River).

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other The project site slopes to the south toward the Sammamish River with an approximately 2% slope.

- b. What is the steepest slope on the site (approximate percent slope)? 2%

- 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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. Soils generally consist of silty fill over alluvial soil consisting of interbedded silt and peat. Interbedded alluvial sand and silt occurs below the peat.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **No**
- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. **No excavation, filling or grading is proposed for the project.**
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. **Not Applicable. Excavation/soil disturbance is not included as part of the proposed project activities.**
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **Approximately 80% of the site is currently covered by asphalt or concrete with the remaining 20% consisting of vegetated areas. The proposed project will not change any impervious surfaces.**
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: **Not Applicable. The proposed groundwater and Horse Creek storm water monitoring will not create any impacts/erosion to the ground surface.**

2. Air [\[help\]](#)

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. **Not Applicable. No emissions will result from the proposed groundwater and Horse Creek storm water monitoring activities**
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **No. There are no regional air quality limitations in the area.**
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: **Not Applicable. No emissions or impacts to air will result from the proposed groundwater and Horse Creek storm water monitoring activities**

3. Water [\[help\]](#)

a. Surface Water:

- 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 newly constructed Horse Creek, which discharges to the Sammamish River, is located on the northeastern portion of the site. The Sammamish River is located approximately 240 feet south of the southern border of the site. No other surface water features are located in the vicinity of the site.**
- 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. **Water quality samples will be collected from Horse Creek on the northeastern portion of the site.**

- 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. **Not Applicable. No excavation or placement of fill proposed.**
- 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. Reference: King County iMap <http://gismaps.kingcounty.gov/iMap/?mapset=hazards>**
- 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. **No.**

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. **Groundwater will be sampled from existing monitoring wells on a quarterly and/or annual basis. Withdrawal of a few liters of groundwater is for chemical analysis and groundwater monitoring purposes only.**
- 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. **Not Applicable. No waste material will be discharged to the ground.**

c. Water runoff (including stormwater):

- 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. **Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.**
- 2) Could waste materials enter ground or surface waters? If so, generally describe. **No. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.**
- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. **No. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.**

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: **Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.**

4. Plants [\[help\]](#)

- a. Check the types of vegetation found on the site: [\[help\]](#)

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

Orchards, vineyards or other permanent crops.

wet soil plants: cattail, buttercup, bullrush, 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? [None.](#)
- c. List threatened and endangered species known to be on or near the site. [None. There are no threatened or endangered plants on the site.](#)
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [None. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
- e. List all noxious weeds and invasive species known to be on or near the site. [None.](#)

5. Animals [\[help\]](#)

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [Crows, pigeons, water fowl, rats, mice, squirrels, and rabbits.](#)

Examples include:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other _____

- b. List any threatened and endangered species known to be on or near the site. [None on site. Chinook Salmon migrate up and down the Sammamish River, which is located approximately 240 feet south of the site.](#)
- c. Is the site part of a migration route? If so, explain. [No.](#)
- d. Proposed measures to preserve or enhance wildlife, if any: [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
- e. List any invasive animal species known to be on or near the site. [None.](#)

6. Energy and Natural Resources [\[help\]](#)

- 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. [Battery powered field equipment utilized during groundwater sampling.](#)
- 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: [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)

7. Environmental Health [\[help\]](#)

- 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. [No. The proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
 - 1) Describe any known or possible contamination at the site from present or past uses. [Petroleum hydrocarbons, metals \(arsenic, cadmium, lead, barium, chromium, silver, and mercury\), BTEX \(benzene, toluene, ethylbenzene, and xylenes\), HVOCs, and carcinogenic polycyclic aromatic hydrocarbons \(cPAHs\) were released to the site soils and/or from former sandblasting operations and an air compressor on the southern portion of the site, and an underground storage tank on the western portion of the site. Following two interim action cleanups, total petroleum hydrocarbons are the only chemicals of concern remaining in site soils. Diesel and oil-range total petroleum hydrocarbons and arsenic impacts remain in the groundwater at the site.](#)
 - 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. [None. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
 - 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. [None. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
 - 4) Describe special emergency services that might be required. [None anticipated. Standard emergency services \(911\) will be utilized if and emergency situation arises during groundwater and Horse Creek storm water monitoring field activities.](#)
 - 5) Proposed measures to reduce or control environmental health hazards, if any: [Appropriate personal protective equipment will be worn by field personnel during groundwater and Horse Creek storm water monitoring activities. A Health & Safety Plan will also be prepared prior to these field activities.](#)

b. Noise [\[help\]](#)

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [Noise from roadway traffic and nearby construction activities will likely be present during field activities. However, this is not anticipated to affect the project.](#)

2) What types and levels of noise would 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. [None. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)

3) Proposed measures to reduce or control noise impacts, if any: [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)

8. Land and Shoreline Use [\[help\]](#)

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [Site currently consists of public roadway and right-of-way, vacant land \(portion of Lot C\), and vegetated land associated with the Bothell Landing Park. Adjacent properties currently consist of vacant land \(north\), State Route 522 \(east and west\), and the Bothell Landing Park \(east, south, and west\). Proposed field activities \(groundwater and Horse Creek storm water monitoring only\) will not affect land uses of nearby or adjacent properties.](#)

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [No working farmlands/forest land use known for the site.](#)

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: [No working farmlands/forest land in the vicinity of the site.](#)

c. Describe any structures on the site. [No structures are located on the site.](#)

d. Will any structures be demolished? If so, what? [No. No structures are located on the site.](#)

e. What is the current zoning classification of the site? [The site is zoned as Park and Public Open Space \(PPOS\) by the City of Bothell. Reference: City of Bothell, Zoning Map- Zoning Designations for Bothell.](#)

f. What is the current comprehensive plan designation of the site? [PPOS](#)

g. If applicable, what is the current shoreline master program designation of the site? [Not Applicable. The site is not within a shoreline designation area. Reference: King County Department of Natural Resources and Parks- Shoreline Designations Northwest King County, Washington.](#)

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. **No. Reference: King County iMap and City of Bothell Critical Areas Ordinance map.**
- i. Approximately how many people would reside or work in the completed project? **None.**
- j. Approximately how many people would the completed project displace? **None.**
- k. Proposed measures to avoid or reduce displacement impacts, if any: **Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.**
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: **None. Proposed project will not change property configuration.**
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: **Not Applicable. No agricultural or forest lands in the vicinity of the site.**

9. Housing [\[help\]](#)

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. **None. Site use consists of public roadway/right-of-way and vegetated land associated with a public park.**
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. **None. Site use consists of public roadway/right-of-way, and vegetated land associated with a public park.**
- c. Proposed measures to reduce or control housing impacts, if any: **Not Applicable. Site use consists of public roadway/right-of-way and vegetated land associated with a public park.**

10. Aesthetics [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? **Not Applicable. No structures are to be built as part of this project.**
- b. What views in the immediate vicinity would be altered or obstructed? **Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.**
- b. Proposed measures to reduce or control aesthetic impacts, if any: **Not Applicable. Proposed activities consist of groundwater and Horse Creek storm water monitoring only.**

11. Light and Glare [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? **None. Proposed field activities consist of groundwater and Horse Creek storm water monitoring during daylight hours only.**

- b. Could light or glare from the finished project be a safety hazard or interfere with views? **No.** Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.
- c. What existing off-site sources of light or glare may affect your proposal? **None.** Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.
- d. Proposed measures to reduce or control light and glare impacts, if any: **Not Applicable.** Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.

12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity? **The southern portion of the site is a vegetated area associated with the Bothell Landing Park. Bothell Landing Park and the Sammamish River are also located south of the site.**
- b. Would the proposed project displace any existing recreational uses? If so, describe. **No.** Proposed field activities consist of groundwater and Horse Creek storm water monitoring from existing wells.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: **Not Applicable.** Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.

13. Historic and cultural preservation [\[help\]](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe. **Yes. However, no structures are on site but several historic properties are in the Bothell area. The closest historic property is Bothell's First Schoolhouse, which was relocated in 1989 from Main Street to the Bothell Landing Park. Reference: National Register of Historic Places and the City of Bothell Register of Historic Landmarks.**
- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. **None known.**
- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. **Research of the National Register of Historic Places and the City of Bothell Register of Historic Landmarks. Based on the proposed field activities (groundwater and Horse Creek storm water monitoring only), no potential impacts to cultural or historic resources is expected.**
- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. **Not**

Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.

14. **Transportation** [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [Access to the site is via State Route 522. Portions this public roadway are located within the site boundaries. None of the groundwater monitoring wells to be sampled for the project are located in roadways. No impacts to pedestrian routes are anticipated.](#)
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [The site is accessible by King County Metro Transit buses with transit stops located on State Route 522. However, the proposed project would not impact any transit activities.](#)
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [No. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)
- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. [No.](#)
- h. Proposed measures to reduce or control transportation impacts, if any: [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)

15. **Public Services** [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [No.](#)
- b. Proposed measures to reduce or control direct impacts on public services, if any. [Not Applicable. Proposed field activities consist of groundwater and Horse Creek storm water monitoring only.](#)

16. **Utilities** [\[help\]](#)

a. Circle utilities currently available at the site: [\[help\]](#)
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

None.

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. [Not Applicable](#). [Proposed field activities consist of groundwater and Horse Creek
storm water monitoring only.](#)

C. Signature [\[help\]](#)

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: _____


Name of signee Arnie Sugar

Position and Agency/Organization Principal Hydrogeologist, HWA GeoSciences Inc.

Date Submitted: 10/12/17

D. supplemental sheet for nonproject actions [\[help\]](#)

(IT IS NOT NECESSARY to 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 the 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; pro-
duction, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

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

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

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

Proposed measures to protect or conserve energy and natural resources are:

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?

Proposed measures to protect such resources or to avoid or reduce impacts are:

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?

Proposed measures to avoid or reduce shoreline and land use impacts are:

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

Proposed measures to reduce or respond to such demand(s) are:

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