



DEVELOPMENT SERVICES DEPARTMENT  
ENVIRONMENTAL COORDINATOR  
450 110<sup>th</sup> 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. 10-123394-GC  
Project Name/Address: Hydro International Inc. Stormfilter Vault  
10833 Northup Way  
Planner: Kevin LeClair  
Phone Number: 425-452-2928

**Minimum Comment Period: October 28, 2010**

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map
- Plans
- Other:

**ENVIRONMENTAL CHECKLIST**

9/29/10

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.

**Received****BACKGROUND INFORMATION**

SEP 29 2010

Property Owner: Washington State Department of Transportation (WSDOT) **Permit Processing**  
 Proponent: Hydro International  
 Contact Person: Dylan Ahearn, Senior Scientist, Herrera Environmental Consultants, Inc.  
 (If different from the owner. All questions and correspondence will be directed to the individual listed.)  
 Address: 2200 6th Avenue, Suite 1100, Seattle, Washington, 98121  
 Phone: 206-441-9080

Proposal Title: Hydro International Up-Flo Filter Performance Monitoring Project

Proposal Location: 10833 Northup Way NE, Bellevue, WA 98004  
 Intersection of Northup Way NE and NE 33rd Place

Provide a legal description if available.

Parcel Number: 2025059100

Township 25 N Range 5 E

"POR SW 1/4 OF NE 1/4 LY SWLY OF NE NORTHRUP WAY LESS W 350 FT & LESS S 30 FT LESS CO RD"

For vicinity of project, see Figure 1.

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

1. General description:

The project will replace a short section of stormwater drainage pipe in a paved area and add a new short section of pipe and a new stormwater filter vault on WSDOT's Northup Maintenance Yard on Northup Way NE in Bellevue, Washington. The project is an upgrade of the current stormwater drainage system, as the current system does not remove stormwater pollutants. Preliminary water sampling indicates that runoff from the yard is relatively high in contaminants, and will benefit from the upgrade. Furthermore, the goal of this project is to obtain a General Use Level Designation (GULD) from Ecology for the Up-Flo Filter treatment system with respect to water quality treatment (the technology already has achieved a Pilot Level Use Designation). To achieve the project goals, a monitoring program will be implemented to document the treatment performance of this representative test system.

The current and new stormwater system outfall to a small stream (a tributary of Yarrow Creek) that flows in a ditch along the east edge of the property. The old stormwater outfall is below the Ordinary High Water Mark (OHWM), and will not be disturbed (it will be plugged and left in place), so as not to disturb the streambank. The new stormwater conveyance pipe will be installed directly above the old pipe, at a gentler grade, and will discharge above the OHWM. A small area of the stream buffer, vegetated with invasive species will be temporarily disturbed during the short construction period. The area will be restored with native vegetation after installation.

2. Acreage of site: 3.3 acres

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

**REVIEWED**

By Kevin LeClair at 3:27 pm, Oct 07, 2010

4. Number of dwelling units/buildings to be constructed:	None
5. Square footage of buildings to be demolished:	Not applicable
6. Square footage of buildings to be constructed:	Not applicable
7. Quantity of earth movement (in cubic yards):	Approximately 25 cubic yards of earth movement for the installation of stormwater pipe and filter vault.
8. Proposed land use:	No change from current use.
9. Design features, including building height, number of stories and proposed exterior materials:	No buildings are being constructed. Work for this proposal involves upgrading a stormwater conveyance and treatment system
10. Other:	None

**Estimated date of completion of the proposal or timing of phasing:**

Ideally, the project will last approximately two weeks in October of 2010. We realize that this is pushing the permit review schedule, but we are hoping that due to the small footprint of the project, its public works nature, and its benefits to water quality, will help expedite the process.

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

Yes, monitoring, and periodic filter maintenance in the future.

**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.**

There are no known applications pending approval that would directly affect the property covered by this proposal.

**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.**

City of Bellevue Clearing and Grading Permit (Applied for as part of this submittal)

**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):**

- Plan of existing grading
- Site plan
- Clearing & grading plan

**REVIEWED**  
 By Kevin LeClair at 3:27 pm, Oct 07, 2010

## A. ENVIRONMENTAL ELEMENTS

### 1. EARTH

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

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

The project involves work in a parking lot with a slope of 1 to 2 percent and in a small area of stream buffer in a ditch. The bank of the ditch adjacent to the stream is sloped approximately 20 percent.

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.**

The United States Department of Agriculture, Natural Resources Conservation Service classifies the soils within the project as Alderwood gravelly sandy loam, and Everett gravelly sandy loam, but the work will occur entirely in fill material.

It is likely that native backfill was used when installing the original stormwater conveyance, so the spoils materials are likely to be gravelly sandy loam.

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

There are no surface indications or history of unstable soils in the immediate vicinity. The parking area is paved. The banks of the ditch are heavily vegetated and stable.

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

Project activities that involve filling and grading include excavating the path of the stormwater conveyance pipe and filter vault, and backfilling with native material. If imported material are required (e.g. for an energy dissipater at the end of the outfall), contractors will acquire imported materials from a source(s) approved by the City of Bellevue.

Figure 2 shows the Site Plan for existing conditions, and locations of proposed activities. Approximately 21 cubic yards of spoils will be created after excavation for the stormwater conveyance pipe and backfilling using native backfill.

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

There is very little chance for erosion to occur due to Contractor's construction activities within the project footprint, as it primarily involves a trench excavation and a small vault excavation, all below grade. Spoils will be stored temporarily in a small stockpile that will be covered in the event of rain. The work will only require 14 days to complete, and to the extent possible, work will be scheduled for times with no forecasted precipitation. Any erosion that could occur will be minimized with the required implementation of appropriate Best Management Practices (BMP's) which will be outlined in the temporary erosion and sedimentation control (TESC) plan and Construction Stormwater Pollution Prevention Plan (CSWPPP) for the project.

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

This project does not propose to construct any new impervious surfaces. Asphalt removed during installation will be replaced. The disturbed area of the stream buffer will be revegetated according to the landscape plan.

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

TESC BMPs The following TESC BMPs and other measures, including compliance with permit requirements, required per BCC will be taken to reduce or control erosion or other impacts to the earth during construction:

23.76 Clear and  
Grade Code

- Limit areas of vegetation clearing to areas within the approved disturbance limits.
- Install reinforced silt fence as shown in the plans (approximately 30 linear feet) and in accordance with City of Bellevue standard detail EC-005.
- Cover exposed soils at the end of each working day if working from October 1 through April 30. From May 1 through September 30, cover exposed soils within 7 days of exposure and also at the threat of rain. Exposed soil will be covered using plastic, erosion control blankets, straw, or mulch.
- TESC BMPs will be monitored and maintained in accordance with the CSWPPP approved by the City of Bellevue prior to the start of work.

## 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.**

Heavy equipment used during construction of this project will emit exhaust and create dust that could contribute to ambient concentrations of suspended particulate matter during project construction. However, these emissions will be short term. Consequently, as long as construction equipment is properly maintained and operated to minimize emissions, no significant air quality impacts are expected to result from construction activities.

Dust from clearing, grading, and other construction activities will be minimized at all times.

The completed project would not produce any additional emissions of carbon monoxide, sulfur, and particulate matter, nor would it produce additional green house gas emissions.

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

There are no known off-site sources of emissions or odors that may affect this proposed project.

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

Possible construction impacts on air quality would be addressed through the use of construction BMPs. BMPs that **could** reduce carbon monoxide, sulfur, and particulate matter during construction include the following:

- Use relatively new, well maintained equipment
- Require appropriate emission-control devices on all construction equipment
- Avoid prolonged periods of vehicle idling
- Comply with Puget Sound Clean Air Agency regulations requiring reasonable precautions to minimize odor and dust impacts

Best management practices for the control of windborne construction dust could include the following:

- Apply water to the roadway
- Avoid tracking dirt onto adjacent roadways
- Plant vegetative cover as soon as possible after grading
- Use dust suppressants that have been approved by the director
- Apply water to the site for dust suppression in a manner that keeps sediment out of the creek and public drainage system

**REVIEWED**

*By Kevin LeClair at 3:28 pm, Oct 07, 2010*

**3. WATER**

**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 project area is located in the Yarrow Creek Basin in water resource inventory area (WRIA) 8, and drains to the main channel of Yarrow Creek. This reach of Yarrow Creek is classified by the Washington Department of Natural Resources as a Fish Bearing (type "F") stream. Yarrow Creek flows approximately 1 mile from this point through the Yarrow Bay Wetlands and into Lake Washington.

According to Washington Department of Fish and Game, this portion of Yarrow Creek is located approximately 2,000 feet southeast of a culvert which is a partial fish barrier at the onramp to westbound SR-520 (Surveyed on 10/4/2001).

**(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.**

Excavation, fill, and grading activities to install the conveyance pipe, vault, and outfall would occur above the OHWM of Yarrow Creek. All work would occur within 200 feet of the water body described above. The following table outlines the impacts to the stream buffer in the project area. Please see Figures 3 and 4 showing the temporary and permanent impacts to stream buffers above the ordinary high water mark.

**Table 1. Impacts to stream buffers in the project area.**

Resource	Temporary Impacts (square feet)	Permanent Impacts (square feet)
Total impacts	160	0

**(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.**

No materials will be placed below the OHWM of the stream. The temporary impacts to the stream buffer would be the result of temporary clearing of lawn, blackberry, reed canarygrass, and ivy to provide construction access and placement of the outfall. The project would not permanently affect the stream buffer. Imported quarry spalls would come from a source(s) approved by the City of Bellevue. See Table 2 for descriptions of fill and excavation quantities above the OHWM within the stream buffer.

**Table 2. Excavation and fill quantities above and below the OHWM.**

Type of Activity	Total Excavation (cubic yards) <sup>2</sup>	Total Fill In Stream Buffer (cubic yards)
Existing Paved Area	19.3	19.3
Stream Buffer	5.5	5.5

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

No surface waters will be diverted for this work. Stormwater runoff will be temporarily diverted away from the structure during construction.

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

No, this proposal does not lie within a 100-year flood plain.

**REVIEWED**

By Kevin LeClair at 3:28 pm, Oct 07, 2010

**(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 waste materials will be discharged to surface waters as a result of the proposed project.

**b. Ground**

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

No dewatering is anticipated during installation of the stormwater conveyance system and filter vault. In the event that water encountered during installation needed to be pumped from the excavation, the water will be treated on site to a level that meets the water quality requirements of the Department of Ecology using temporary sedimentation tanks and filter systems, or directly pumped and discharged to sanitary sewer line that parallels the site.

**(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.

**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.**

The 2 to 3 days of work will be scheduled when no rain is anticipated. Runoff from the parking lot will be prevented from entering the excavation with a sandbag berm. In the event of an unexpected rain event, the contractor will divert parking lot runoff (uncontaminated by construction activities) to the curb, where it will be routed to the next open catch basin.

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

During construction, waste materials (e.g. gasoline and diesel fuel) from construction equipment could enter Yarrow Creek, and could enter groundwater through exposed soils. However, spill prevention and cleanup BMPs will be implemented throughout construction. Waste materials will not be discharged from the project once completed. During construction, the contractor will implement the following BMPs:

- Inspect all equipment at the start of each work day and before any work in the stream buffer to ensure the equipment is free of external petroleum-based products
- Adhere to spill prevention measures

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

The following Construction Stormwater Pollution Prevention Plan (CSWPPP) BMPs and other measures, including compliance with permit requirements, will be taken to reduce or control surface, ground, and runoff water impacts:

- Install catch basin inserts
- Install reinforced silt fence as shown in the plans (approximately 30 linear feet) and in accordance with City of Bellevue standard detail EC-005
- Use a broom during earthwork to immediately remove soil that has been tracked onto paved areas
- Remove accumulation of soils or debris from the drive mechanisms (wheels, tracks, tires, etc.) and undercarriage of equipment prior to leaving the site
- Monitor and maintain TESC BMPs in accordance with the CSWPPP approved by the City of Bellevue prior to the start of work

#### 4. PLANTS

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

- evergreen tree: Douglas fir,
- shrubs: Himalayan Blackberry, English Ivy, Evening Nightshade
- grass: Reed canarygrass
- wet soil plants other: Giant horsetail

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

The proposed project will result in temporary disturbance of approximately 300 square feet (0.007 acres) of vegetation, 100 square feet of the vegetation is a lawn (moved grass), and 200 square feet consist of blackberry, English Ivy, and grasses. The type of vegetation that will be removed consists of herbaceous vegetation and small shrubs. No significant trees per City of Bellevue Land Use Code 20.50.046 will be removed or harmed during the process.

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

There are no threatened or endangered plant species known to be on or near the proposed project site.

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

All vegetation disturbed will be replaced following completion of the installation in accordance with the landscape planting plans in Figure 3. Prior to planting, all disturbed soils will be decompacted.

The buffer planting areas will include red elderberry (*Sambucus racemosa*), snowberry (*Symphoricarpos albus*), and bald hip rose (*Rosa gymnocarpa*). The shrubs will be planted in 1 gallon containers in clumps of three, four feet on center.

The ground will be covered with a 4-inch depth of wood chip mulch. Mulch shall not come in contact with stem of plant. Planting will occur in October, and will be watered during the first summer after planting.

#### 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:

- Birds: pigeons, pine siskin, sparrows, red crossbill, dark-eyed junco, finches, songbirds, woodpeckers
- Mammals: opossum, raccoons, squirrels, mice, voles, shrews, and chipmunks.
- Fish: Coho, Cutthroat Trout

This section of Yarrow Creek is a fish bearing stream via the Washington Department of Fish and Wildlife, SalmonScape (information obtained from their website on August 23, 2010) (WDFW 2010). Coho have been documented 1,600 feet downstream. Cutthroat trout have been documented throughout the stream.

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

There are no threatened or endangered species known to be on or near the proposed project site. The project area (consisting of a highly-developed urban setting) provides very little habitat.

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

Yes. The project is within a principal route of the North American Pacific Flyway, an important trans-continent migration route for birds.

**REVIEWED**

**By Kevin LeClair at 3:28 pm, Oct 07, 2010**

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

The proposed installation of a stormwater filter system will improve water quality and thus result in improved habitat conditions downstream in Yarrow Creek and in Lake Washington. The filter system will also attenuate peak flows, reducing water velocity downstream, thereby reducing stream bank erosion. This will likely improve turbidity levels downstream and in Lake Washington.

The invasive plant species that are cleared from the stream buffer will be replaced with red elderberry, bald hip rose, and snowberry shrubs improving riparian habitat as well.

**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.**

No energy will be needed for the completed project.

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

This proposal will not affect the use of solar energy.

**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:**

Not applicable (see item A.6.a.)

**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.**

Potentially hazardous materials likely to be present during construction include gasoline and diesel fuels, oils, and lubricants. A spill of one of these substances could occur during construction as a result of either equipment failure or worker error.

No environmental health hazards will occur once the proposal is completed.

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

Emergency fire or medic services could be required during construction and possibly during maintenance of the completed project. No special emergency services will be required once the proposal is completed.

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

The contractor will implement the following measures to reduce or control environmental health hazards:

- The project and outline safe procedures for handling any hazardous substances.
- Implement appropriate BMPs which will be outlined in the TESC plan and CSWPPP for the project.
- Contain and dispose of contaminated materials that are encountered during construction in a manner consistent with the level of contamination, in accordance with federal, state, and local regulatory requirements, by a qualified contractor(s).

Because no environmental health hazards would be created once the proposed project is completed, no measures to reduce or control health hazards are proposed.

**REVIEWED**

**By Kevin LeClair at 3:29 pm, Oct 07, 2010**

**b. Noise**

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

The background noise existing in the project would not affect the proposed project.

**(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.**

Noise levels within the project area may temporarily increase during construction activities from construction vehicles and equipment, although because this a WSDOT maintenance yard, this type of equipment is typically operated in the area and no difference may be noted. Pursuant to Bellevue City Code (BCC) 9.18.020, sounds created by construction and emanating from the construction site are exempt from the provisions of the Bellevue Noise Ordinance between the hours of 7:00 a.m. and 6:00 p.m. on weekdays, and 9:00 a.m. and 6:00 p.m. on Saturdays which are not legal holidays. Sounds emanating from construction sites on Sundays or legal holidays or outside of the exempt work hours are prohibited pursuant to BCC 9.18.040 unless expanded hours of operation are authorized by the applicable department director subject to specific criteria.

Long terms noises will remain unchanged.

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

In the short term, noises from the Contractor's equipment will only occur during the permissible work hours per Bellevue City Code 9.18.020. Additional noise abatement measures that could be implemented include the following:

- Install and maintain effective mufflers
- Locate equipment and vehicle staging areas as far from residential areas as possible
- Minimize idling of power equipment

**8. LAND AND SHORELINE USE**

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

The site is currently being used as a maintenance yard for the Washington State Department of Transportation. Adjacent properties include SR-520, a parking lot, and several light industrial and commercial properties.

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

It is unknown whether this site was used for agriculture. It is currently paved.

**c. Describe any structures on the site.**

There is an existing stormwater conveyance pipe within the proposed project trench alignment. This pipe will be removed and replaced, except for the portion below the OHWM, which will be left in place. The pipe is beneath a paved parking lot/staging area. Other structures on the site of the maintenance yard include two buildings.

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

No structures are being demolished under this proposal. A small area of pavement will be demolished along the alignment of the stormwater conveyance pipe.

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

The current zoning classification for the site is "Office/Limited Business" (OLB).

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

The current comprehensive designation for this "Office/Limited Business" (OLB).

**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.**

Identified environmentally sensitive areas include the buffer of Yarrow Creek. Yarrow Creek is a fish bearing stream.

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

N/A

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

N/A

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

N/A

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

N/A

**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?**

No views in the immediate vicinity would be altered or obstructed.

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

Because the project would not include aesthetic impacts, no measures reduce or control impacts are proposed.

## 11. LIGHT AND GLARE

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

No light or glare will result from the proposed project.

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

No light or glare from the finished project would be a safety hazard or interfere with views.

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

No existing off-site sources of light or glare would affect the proposed project.

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

No light or glare impacts would occur; therefore, no measures are proposed to reduce or control impacts.

## 12. RECREATION

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

There are no designated and informal recreational opportunities are in the immediate vicinity.

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

The project would not displace any existing recreational uses.

- 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.**

There are no known national, state, or locally listed historic sites on or next to the site.

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

The City of Bellevue Historic and Cultural Resources Survey (Tobin, Pendergrass 1993) indicates no historic or cultural resources on or next to the site.

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

Should evidence of cultural remains, either historic or prehistoric, be encountered during excavation, work in the immediate area will be suspended, and the find will be examined and documented by a professional archaeologist in accordance with State law. Decisions regarding appropriate mitigation and further action would be made at that time.

**REVIEWED**

**By Kevin LeClair at 3:29 pm, Oct 07, 2010**

#### 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 project is bounded to the east by the SR-520 westbound off-ramp, to the west by Northup Way, to the north by a parking lot. The site will be accessed from a driveway on Northup Way. We do not anticipate any traffic control issues.

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

The project site is currently served by King County METRO bus service. The nearest bus stop is located several properties north on Northup Way.

- 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).

There is no roadway work proposed for this project.

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

No water, rail, or air transportation will be used for this proposed project.

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

No daily vehicular trips will be generated by the completed project.

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

N/A

#### 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.

The completed project will not result in an increase in public services. Maintenance of the filter vault will be contracted by the property owner.

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

N/A

#### 16. UTILITIES

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

Electricity, natural gas, water, refuse service, telephone, and sanitary sewer, are all available at the site. The site itself is a stormwater conveyance pipe upgrade.

No other new utilities are being proposed for this project.

**REVIEWED**

By Kevin LeClair at 3:30 pm, Oct 07, 2010

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.....9/30/10

**References**

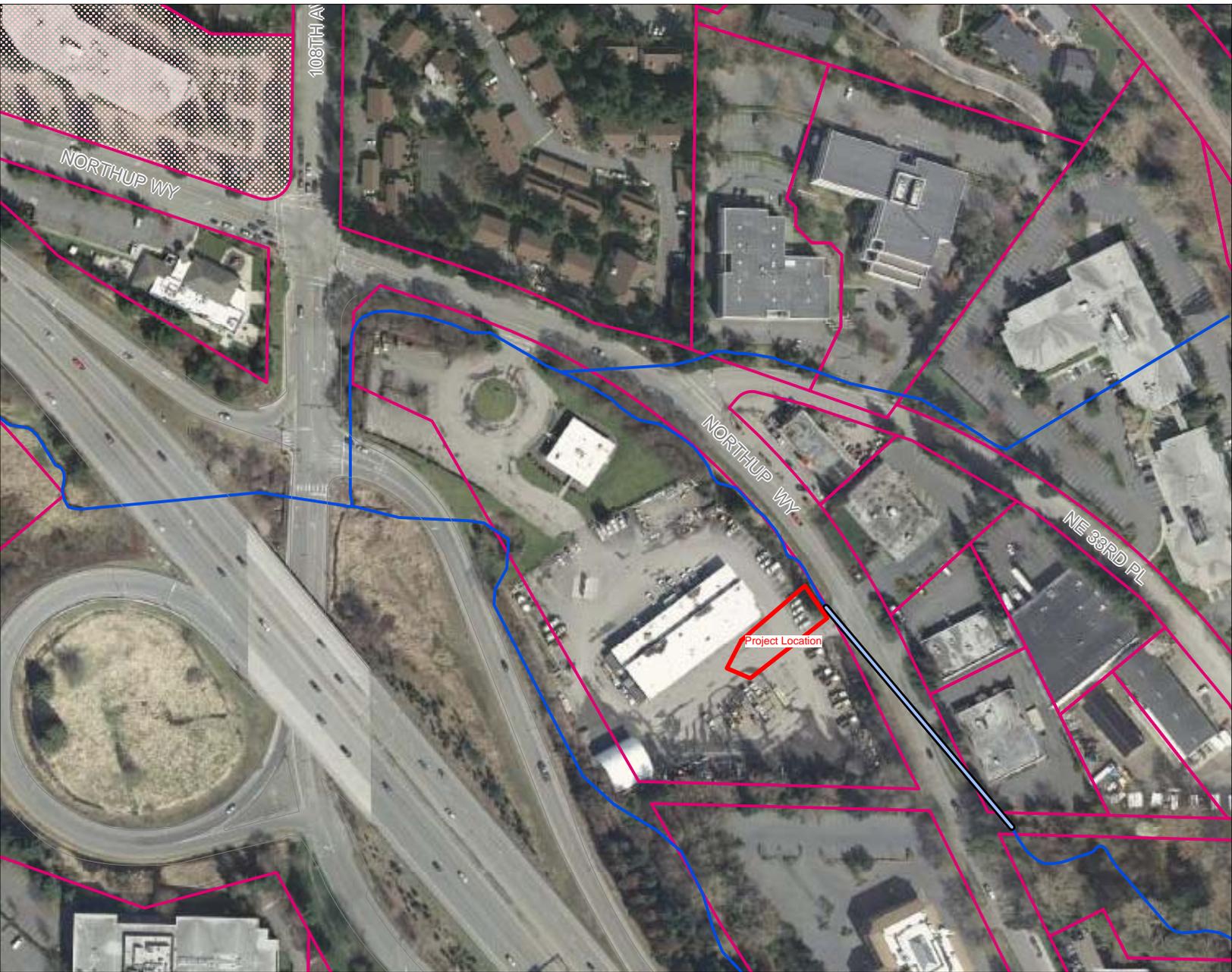
NRCS. 2010 Soil survey geographic database for King County area, Washington. U.S. Department of Agriculture, Natural Resources Conservation Service. Obtained August 23, 2010, from agency website: <<http://soildatamart.nrcs.usda.gov>>.

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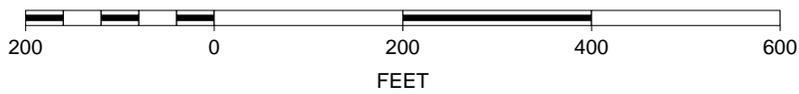
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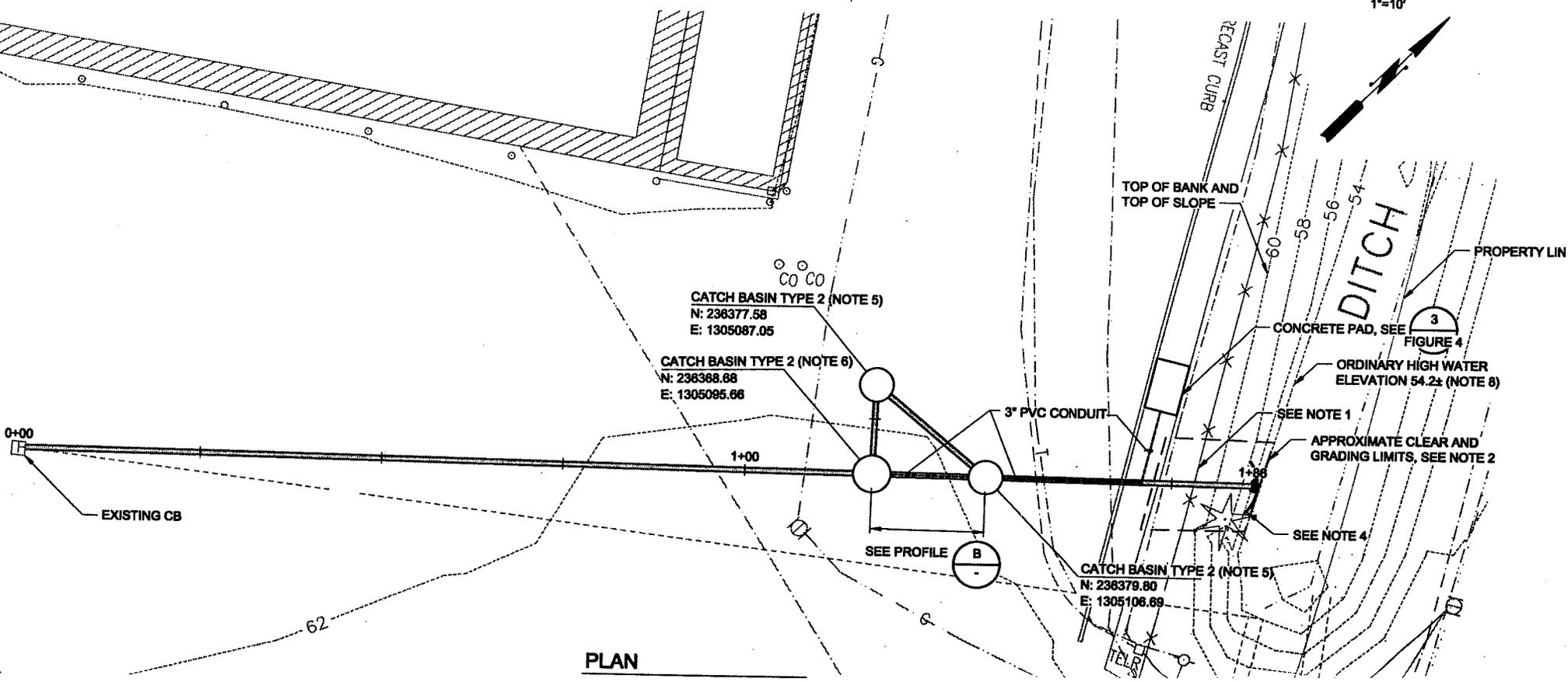
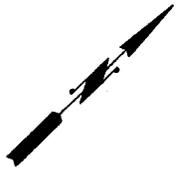
**REVIEWED**  
By Kevin LeClair at 3:30 pm, Oct 07, 2010

# Vicinity Map - Hydro International Stormfilter Vault (10-123394-GC)



SCALE 1 : 2,427





**PLAN**