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:

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:

Wetland Complex

2. Name of applicant:

City of Dayton, Washington

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

Applicant: **City of Dayton, Washington**
Deb Hays, Deputy City Clerk
111 S 1st Street
Dayton, Washington 99328
(509) 382-2361

Contact Person: **Jake Hollopeter, P.E.**
Anderson Perry & Associates, Inc. (Anderson Perry)
214 E. Birch Street/P.O. Box 1687
Walla Walla, Washington 99362
(509) 529-9260

4. Date checklist prepared:

December 28, 2021

5. Agency requesting checklist:

Columbia County Planning and Building

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

The timing of construction is not yet known and will depend on when funding is secured. Once construction funding is secured, the project is anticipated to take approximately 7 months to complete. Construction is anticipated to occur between April and October.

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

The City has plans to potentially complete a bank stabilization and riparian enhancement project on the property in the future.

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

The City of Dayton has retained Anderson Perry for environmental permitting services for the proposed project. The following has been prepared in relation to this proposal:

- **Cultural Resources Inventory (forthcoming)**
- **Phase 1 Environmental Site Assessment**
- **Wetland Delineation Report**
- **Geotechnical Report**

The following is anticipated to be prepared in relation to this proposal:

- **Critical Areas Report (if required)**

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.

None known.

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

The following local, state, and federal permits are anticipated to potentially be required for the proposed project. A final permit list will be determined upon final design.

Permit	Approving Agency
County/City Permits/Other	
SEPA Checklist	Columbia County Planning and Building
Conditional Use Permit	Columbia County Planning and Building
Floodplain Development Permit	Columbia County Planning and Building
Site Plan Review	Columbia County Planning and Building
Shoreline Permit	Columbia County Planning and Building
State Permits/Consultation	
Erosion and Sediment Control Plan and Stormwater Pollution Prevention Plan (SWPPP)	Washington State Department of Ecology (Ecology)
Governor's Executive Order 21-02	Washington State Department of Archaeology and Historic Preservation (DAHP)
401 Water Quality Certification	Ecology
Hydraulic Project Approval	Washington Department of Fish and Wildlife (WDFW)
Federal Permits/Consultation	
404 Removal Fill Permit	U.S. Army Corps of Engineers (USACE)
Section 7 Endangered Species Act Consultation	USACE,U.S. Fish and Wildlife Service, and National Marine Fisheries Service
Section 106 Consultation	DAHP/Tribes

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 City of Dayton, located in Columbia County, Washington, proposes to develop a wetland complex consisting of a series of up to six wetland cells ranging in size from approximately 2 to 5 acres to provide additional treatment and polishing of the City's treated wastewater effluent. The City's wastewater will be treated off site at a new wastewater treatment facility and pumped to the proposed project site after it has been treated to meet the requirements of the City's National Pollutant Discharge Elimination System (NPDES) Permit as established by Ecology. Each wetland cell would be designed with a normal water depth of 6 inches and a maximum water depth of approximately 2 feet. The interior slopes of each wetland cell would be approximately 5 horizontal:1 vertical (5H:1V) and the exterior slopes would be approximately 3H:1V. It is anticipated that the berms around each wetland cell would be approximately 2 to 10 feet high and a minimum of 10 to 12 feet wide. Treated wastewater would flow through the wetlands and infiltrate into the shallow groundwater adjacent to the river, benefitting in-stream flows. Constructing the wetlands will require the existing vegetation on the project site be removed. Each wetland cell would then be excavated and shaped per the final design and the material from the wetland excavation (if suitable) would be used to form the berms around the wetlands. A series of pipes and control boxes would also be installed to enable the effluent to be directed to the wetland cells and allow each cell to be taken out of service for maintenance if necessary. Additionally, the wetland berms may be developed as public walking paths, possibly with signage and benches. A small maintenance building with a restroom and parking area is also proposed, in the location of an existing barn that would be removed. The perimeter of the proposed project area is anticipated to be fenced and access gates will only be open to the public during daylight hours. Interior fencing and gates may also be installed. City employees that operate the current wastewater treatment facility will be responsible for operation and maintenance of the wetlands.

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 proposed project is located approximately 2 miles southwest of the City of Dayton, Washington. The legal description of the proposed project area is Township 09 North, Range 38 East, Section 2, Willamette Meridian and Township 10 North, Range 38 East, Section 35, Willamette Meridian. The proposed project will occur within assessor's parcel maps 013-2-010-38-035-3740, 013-2-009-38-002-2280, and 013-2-009-38-002-2270 (see Figure 1, Location and Vicinity Maps and Figure 2, Aerial Photograph).

Driving directions are as follows: From Walla Walla, Washington take Highway 12 east from North 4th Avenue. Follow Highway 12 east for 28 miles. The proposed project area is north of Highway 12, adjacent to the long grain elevator.

B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site:

(circle one): (Flat,) rolling, hilly, steep slopes, mountainous, other _____

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

The site generally slopes gradually down to the northwest corner of the site. A drainage channel is located along the southwest portion of the site and along the west side of the site. The drainage channel flows toward the north. Slopes across the site typically range from approximately 0.5 to 10 percent. The side slopes of the drainage channel are much steeper and range up to 60 percent. A significant portion of the riverbank slope has a vertical slope. The proposed improvements are planned with a setbank ranging from 20 to over 100 feet from steep 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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

The Natural Resources Conservation Service (NRCS) Web Soil Survey map shows that soils within the proposed project area are primarily mapped as Patit Creek silt loam, 0 to 3 percent slopes (PkA); Patit Creek cobbly silt loam (PoA), 0 to 3 percent slopes; Onyx silt loam, 0 to 3 percent slopes (OnA); and Hermiston silt loam, 0 to 3 percent slopes (HmA). PkA, OnA, and HmA are classified as prime farmland and are non hydric and PoA is classified as farmland of statewide importance and is non-hydric.

Subsurface exploration at the site revealed the site is overlain by approximately 1.5 to 14.5 feet of fine-grained alluvium consisting of silt with sand and gravel. The silt alluvium is underlain by gravel alluvium generally consisting of gravel with silt, sand, and scattered cobbles. The gravel was encountered to a depth of 24 feet, which was the extent of the subsurface exploration.

The project will result in the temporary and permanent relocation or removal of native soils. Each wetland cell would be designed with a normal water depth of 6 inches and a maximum water depth of approximately 2 feet. The interior slopes of each wetland cell would be approximately 5H:1V and the exterior slopes would be approximately 3H:1V. It is anticipated that the berms around each wetland cell would be approximately 2 to 10 feet high and a minimum of 10 to 12 feet wide. It is anticipated the earthwork at the site will be balanced and most of the excavated soil will be reused on site. Any soil that is not able to be reused will be disposed of in an approved upland location. If required, NRCS will be consulted for impacts related to the Farmland Protection Policy Act.

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

The proposed project area appears to be stable and no significant erosion has occurred. The surface soils over most of the site are stable from erosion (surface runoff and wind) and slope instability. However, the south bank of Touchet River contains a significant cut bank within the proposed project area. This bank is susceptible to further erosion and slope instability.

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.

The proposed wetland complex will be located on the south side of the Touchet River and is anticipated to include a series of up to six wetland cells ranging in size from approximately 2 to 5 acres. Each wetland cell would be designed with a normal water depth of 6 inches and a maximum water depth of approximately 2 feet. The interior slopes of each wetland cell would be approximately 5H:1V and the exterior slopes would be approximately 3H:1V. It is anticipated that the berms around each wetland cell would be approximately 2 to 10 feet high and a minimum of 10 to 12 feet wide. It is anticipated the excavated soil will be reused as fill on site.

The earthwork and grading of the site is planned that the fill areas will balance with the cut areas and that little or no material will be removed from the site and import material will be limited to bentonite, crushed surfacing, and riprap. Bentonite will be from a supplier and the aggregate from a local quarry.The disturbed area will be approximately 42 acres. The cut volume will be approximately 70,000 cubic yards and the fill volume will be approximately 65,000 cubic yards. Maximum cuts will be up to 7 feet deep and fills will be up to 10 feet thick.

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

The project will follow standard mitigation sequencing by avoiding, reducing, and mitigating for any erosion impacts. Best management practices (BMP) will be used to ensure the project design requirements are met and erosion is minimized. An Erosion and Sediment Control Plan and Stormwater Pollution Prevention Plan are anticipated to be required prior to construction. Based on following BMPs, erosion is not expected as a result of the planned clearing and earthwork.

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

Approximately 10,000 square feet of new impervious surfaces will be created with the construction of the restroom and maintenance shed and parking area. A barn and two sheds consisting of approximately 2,600 square feet of impervious surface will be removed. This represents a net increase of approximately 7,400 square feet of impervious surface. The project area is approximately 42 acres; therefore, approximately 0.55 percent of the project area will be covered with impervious surfaces upon project completion.

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

BMPs, combined with a Sediment and Erosion Control Plan and Stormwater Pollution Prevention Plan, if required, will be utilized to minimize the risk of erosion. These may include, but are not limited to, vegetation management, stormwater management, and placement of silt fencing, wattles, or hay bale fencing.

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.

During construction, emissions will be limited to dust from construction equipment and mobilization of equipment on and off the project area. Construction equipment, vehicles, and construction workers' personal vehicles will generate minor amounts of short-term, localized carbon monoxide and particulate emissions. If necessary, dust abatement, including watering, will be implemented to control dust. There will be no permanent impacts to air quality because the proposed wetlands will not include any new emission sources and all water in the wetlands will be treated to Ecology standards, so odors are not anticipated to be an issue.

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

No off-site sources of emissions or odor have been identified that will affect the proposed project.

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

Dust abatement procedures will be utilized, if necessary.

3. Water [help]

a. Surface Water: [help]

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 proposed project area includes 0.007 acres of existing wetland and approximately 1,400 linear feet of intermittent ditches. Additionally, the Touchet River flows adjacent to the proposed project 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.

The proposed project is anticipated to impact the 0.007 acre wetland, however any impacts would be properly permitted and mitigated for through the appropriate agencies, as required (see Figures 3A and 3B, Site Plan).

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.

The 0.007 acre wetland located in the proposed project area would be regraded and incorporated into the final constructed wetland design. Approximately 200 to 400 cubic yards of material will be needed to fill in the existing wetland. Existing material from the project site will be used to fill in and regrade the existing wetland.

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

The proposed project will not require any permanent surface water withdrawals or diversions.

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

The proposed project area is located within a Federal Emergency Management Agency (FEMA) designated Zone A 100-year flood zone (no base flood elevations determined). A preliminary hydraulic model was completed that indicates a 100-year flood event stays within the banks of the Touchet River.

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.

The project is not anticipated to involve any discharges of waste materials to surface waters.

b. Ground Water: [help]

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.

A potable water well may be installed at the project site. The well (if installed) would provide water for the maintenance building and restroom that may be constructed as part of the proposed project. A decision on the installation and sizing of the well would be made during the final design of the facilities.

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.

The proposed new wetlands would receive effluent from the City's wastewater treatment facility. The wetlands would provide additional treatment and be constructed to allow the effluent to infiltrate into the shallow groundwater adjacent to the Touchet River. The wetland facilities would be designed to accommodate a flow of approximately 300,000 gallons per day.

A septic system may also be installed at the proposed project site. The septic system (if installed) would be sized to serve the maintenance building and restroom that may be constructed as part of the project. A decision on the installation and sizing of septic system would be made during the final design of the facilities.

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.

The only permanent runoff from the proposed project would be stormwater runoff from the site's impervious surfaces. All stormwater generated from impervious surfaces would be collected and disposed on the project site. Stormwater will be collected and piped to drywells or swales for disposal.

No direct release of stormwater into surface water is anticipated.

Temporary runoff may occur during construction. BMPs, including silt fencing or wattles, would be required to capture water on site and prevent flow into surface waters.

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

Waste materials are not expected to enter ground or surface waters. Waste material is not anticipated to be stored within the proposed project area. Release of waste material could potentially occur from accidental fuel leaks or spills during construction.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Drainage patterns are not anticipated to be affected by the proposed project because the project is not anticipated to occur within surface waters or wetlands.This project will not impact overall drainage patterns in the vicinity of the site.

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

Standard BMPs, if required, will include temporary erosion and sediment control measures such as silt fencing or wattles that will ensure water is captured on site and does not flow into surface waters.

4. Plants [help]

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

_X__deciduous tree: alder, maple, aspen, other
____evergreen tree: fir, cedar, pine, other
_X__shrubs
_X__grass
_X__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?

Approximately 42 acres of pasture will be removed. Groundcover currently consists of yellow starthistle, scotch thistle, Canada thistle, Russian thistle, puncturevine, teasel, cocklebur, kochia, rush skeletonweed, mullein, cheatgrass, basin wildrye, poison hemlock, curly dock, tall tumblemustard, field pennycress, dandelion, chicory, reed canarygrass, wild mint, diffuse knapweed, wheat, and rabbitbrush. Any trees located within the proposed project footprint will be removed.

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

No threatened and endangered plant species are known to occur on or near the site.

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

Following construction, areas of bare soil may be reseeded to restore the vegetative cover on the site.

e. List all noxious weeds and invasive species known to be on or near the site.

Yellow starthistle (Class B), scotch thistle (Class B), diffuse knapweed (Class B), rush skeletonweed (Class B), poison hemlock (Class B), kochia (Class B), poison hemlock (Class B), puncturevine (Class B), cocklebur (Class C), teasel (Class C) Canada thistle (Class C), and reed canarygrass (Class C) are listed on the Columbia County noxious weed list.

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.

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.

Endangered Species Act-listed species that may occur in or near the proposed project area include the yellow-billed cuckoo (*Coccyzus americanus*), bull trout (*Salvelinus confluentus*), and Middle Columbia River (MCR) steelhead (*Oncorhynchus mykiss*), all of which are federally listed as threatened. No populations of yellow-billed cuckoo have been reported in or near the proposed project area, no designated critical habitat is present, and the proposed project area lacks suitable habitat for this species. The Touchet River contains suitable habitat for bull trout, MCR steelhead, and their designated critical habitat. The channel and riparian area of the Touchet River is considered Essential Fish Habitat.

WDFW Priority Habitats and Species website identifies records of bull trout and steelhead near the proposed project area. No Washington State listed or candidate species have been identified on or near the proposed project area.

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

The project lies within the Pacific Flyway for migratory birds. However, the project is anticipated to benefit migratory birds.

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

Treated wastewater would flow through the wetlands and infiltrate into the shallow groundwater adjacent to the Touchet River, benefitting in-stream flows for fish. The constructed wetland complex is anticipated to benefit migratory birds, as well as mammals in the area.

e. List any invasive animal species known to be on or near the site.

No invasive animal species are know to occur on or near the site.

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.

There are no mechanical components proposed as part of the proposed wetlands. The restroom and maintenance shed is anticipated to use electric energy.

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

The proposed project will not shade adjacent properties and will not affect the potential use of solar energy by nearby properties.

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:

No energy conservation features are included in this proposal.

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.

Environmental health hazards include exposure to toxic chemicals, risk of fire and explosion, and spills and leaks of hazardous waste that could occur from construction equipment during construction of the new facilities.

No environmental health hazards are anticipated to be associated with the completed project.

1) Describe any known or possible contamination at the site from present or past uses.

Anderson Perry conducted a Phase I Environmental Site Assessment on the proposed project area. Within the scope of this investigation, Anderson Perry discovered evidence of five de minimis conditions, norecognized environmental concerns (RECs), no historical RECs (HRECs), and no business environmental risks (BERs).

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.

There are no known hazardous chemicals or conditions that might affect project development and design.

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.

Gasoline, oils, and lubricants will be used in motorized vehicles and equipment during construction. No toxic or hazardous chemicals are anticipated to be stored, used, or produced at the completed project location.

In the event hazardous or toxic chemicals are used or stored at the site, they will be handled and disposed of in accordance with federal and state solid and hazardous waste regulations (40 Code of Federal Regulations 261 and Washington Administrative Code 173-303).

4) Describe special emergency services that might be required.

No special emergency services are anticipated to be required.

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

Ecology will be notified if visible petroleum or hazardous materials are encountered during construction. There are no known environmental health hazards associated with the completed project project; therefore, there are no proposed measures to reduce or control risks.

b. Noise

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

There are no known sources of noise in the area that would 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 a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

During construction, noise will be generated from vehicles and equipment. This noise will be temporary and will occur within normal hours of operation. The day-to-day noise of the completed project is anticipated to be minimal as there are no mechanical components proposed as part of the project.

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

Construction will take place during normal hours of operation. The project noise would be temporary and would occur within the hours specified by the local noise ordinance. No other measures are proposed to reduce noise impacts.

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.

The current site consists of agricultural land. The current use of the adjacent properties include private agricultural land and residences.

The proposed project area and the surrounding areas are currently zoned as agricultural-residential zone-1. An area adjacent to the proposed project area is zoned as light industrial.

The proposal is not anticipated to affect current land uses on 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?

The Columbia County tax assessor lists the property as County Ag Tillable Crop Zone 17, County Ag Unimproved Ground All Crop Zones, and County Ag Irrigated Zone 30. Approximately 42 acres of land will be converted to nonfarm use. No agricultural lands of long-term significance occur on the property.

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:

The proposal is not anticipated to affect or be affected by normal business operations of working farms or forest lands.

c. Describe any structures on the site.

Structures on the site consist of one barn and two sheds along the southern edge of the proposed project area.

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

It is anticipated that the three buildings will be removed.

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

The proposed project area is currently zoned as agricultural-residential zone-1.

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

The current comprehensive plan designation of the site is Agri-Residential.

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

The current shoreline master program designation of the site is rural (shoreline management act jurisdiction).

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

According to the 2019 Columbia County Comprehensive Plan Update, the following information describes the critical areas that could be located in the project area:

Wetlands:
The existing project area includes 0.007 acres of wetland.

Fish and Wildlife Habitat Conservation Areas:
The Southeast Washington Coalition Shoreline Master Program Update indicates that a riparian buffer of 75 feet is required within the Rural Environment Designation.

The 2019 Columbia County Comprehensive Plan Update: Priority Habitats and Species Map indicates the area is known to support mammals of recreational, commercial, or tribal importance, including bighorn sheep, mule deer, Northwest white-tailed deer, and Rocky Mountain elk.

Critical Aquifer Recharge Areas:
The 2019 Columbia County Comprehensive Plan Update: Critical Aquifer Recharge Area Map shows the project area is not located near a critical aquifer recharge area.

Geologically Hazardous Areas:
The 2019 Columbia County Comprehensive Plan Update: Water Erosion Map indicates the project is not in an area designated to have severe water or wind erosion potential.

Frequently Flooded Areas:
The proposed project area is located within a FEMA designated Zone A 100-year flood zone (no base flood elevations determined). A preliminary hydraulic model was completed that indicates a 100-year flood event stays within the banks of the Touchet River.

Potential project impacts related to flooding will be addressed via a floodplain development permit and no-rise analysis, if required.

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

No people will reside at the completed wetland facilities. It is anticipated that the current (1 to 2) City employees that operate the wastewater treatment facility will be responsible for operation and maintenance of the wetlands.

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

People will not be displaced as a result of the proposed project.

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

No measures to avoid or reduce displacement impacts are proposed as people will not be displaced as a result of the proposed project.

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

A conditional use permit and floodplain development permit will be obtained from Columbia County.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

No measures to reduce or control impacts to agricultural lands of long-term commercial significance, as none occur on the property.

9. Housing [help]

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

No housing is proposed.

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

No housing will be eliminated.

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

Since this project will not result in housing impacts, none are proposed.

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?

The proposed structure is anticipated to be up to 15 feet tall. The principal exterior building material is anticipated to include wood, concrete masonry unit blocks, and steel roofing.

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

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

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

No views are anticipated to be altered by the project; therefore, no mitigation measures are proposed.

11. Light and Glare [help]

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

The proposed parking area and maintenance building may include area lights to be turned on at night.

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

The proposed area lights are not anticipated to produce safety hazards or interfere with views.

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

No off-site sources of light or glare would affect the proposal.

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

The proposed area lights would be placed to avoid impacting adjacent private or public properties.

12. Recreation [help]

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

The Touchet River may be used informally for recreational fishing.

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

Existing recreational uses are not anticipated to be displaced by the proposed project.

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

Since no adverse impacts to recreation areas are anticipated, no measures are proposed.

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.

No buildings or structures known to be older than 45 years exist on the property. Four previously recorded historic structures are located within 1 mile of the proposed project area and include the Davis Barn, Columbia County Grain Growers Elevator, Columbia School, and Star Levee/Dayton Levee. All are recommended eligible for inclusion to the state historical register. Newland Cemetery is eligible for the National Register of Historic Places.

According to the Washington Information System for Archaeological and Architectural Records Data (WISAARD) database, seven previous cultural resource surveys and one archaeological isolate are located within 1 mile of the proposed project area. These surveys have been conducted for fence construction, fiber optic cable and electric utility installation, bridge replacement, and establishment of a recreational vehicle park. One survey overlaps the proposed project area: Ray Tracy conducted a pedestrian survey and subsurface probing for the Martin Conservation Easement project in 2011 prior to installation of a fence protecting the easement. No cultural resources were identified (Tracy 2011).

The isolate was identified within the proposed project area in May 2021 during subsurface probing for geotechnical work for the wastewater treatment facility project. The isolate, 45CO401, consists of a single, fine-grained volcanic flake identified at 60 centimeters below the surface on the south bank of the Touchet River. The cultural inventory for the wetland complex is in progress (not yet submitted to DAHP) and includes results from pedestrian and subsurface survey of the entire proposed project area.

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.

An 1861 General Land Office (GLO) survey map depicts the Touchet River flowing northeast to southwest but nothing else within the proposed project area. Some homesteads and farmed properties are shown within the vicinity of the proposed project area in all directions (GLO 1861). The property within the proposed project area was patented by Simirah A. Payne in 1870.

Two 1913 Geo. Ogle maps indicate that the project area was owned by J. Weinhard and L. C. Brown. At this time, two railroad lines extend east to west at the southern perimeter of the proposed project area, one owned and operated by Oregon – Washington R. R. and the other by Northern Pacific (Ogle 1913a, 1913b). Two 1933 Metsker maps indicated that the project area was owned by Roy Dye, J. Claque, and R. E. Ireland. The two railroad lines at this time were owned and operated by Oregon and Washington Railroad and Navigation Company and Northern Pacific (Metsker 1933a, 1933b). A 1919 U.S. Geological Survey (USGS) topographic map depicts two railroad lines that travel along the modern path of Highway 12; the main roads that go through the valley are Columbia School Road and Eslick Lane (no roads are present in the modern alignment of Highway 12). A few buildings are nestled against the tracks and a few unimproved roads cross the tracks into the north side (USGS 1919). By 1953, the primary highway,

Washington State Route 410, was constructed and traveled parallel to and south of a single set of railroad tracks (USGS 1953). The highway was assigned a new number and known as Highway 12 by 1967. The 1967 topographic map also identifies two grain elevators between the train tracks and Highway 12 (USGS 1967).

Historical, archaeological, and ethnographic evidence indicates that the vicinity of the current project area occurs within a region attributed to the Cayuse and Nez Perce groups. A traditional route is located on the south side of the Touchet River in the vicinity of the proposed project area, and two camps were located nearby. *Atákšašpo*, meaning 'come together,' was a year-round fishing village on the Touchet River utilized by the Walla Walla, Nez Perce, and other groups, and *Tápaš Itáčika* was a hunting and fishing camp utilized by the Walla Walla and other tribes for gathering plants and racing and grazing horses (Hunn et. al 2015). The DAHP Statewide Predictive Model indicates the project area is very high risk for encountering cultural resources.

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.

The WISAARD was accessed on November 17, 2021, by Lindsay Costigan, B.S., to determine the presence of previously recorded historic properties or archaeological sites within or near the proposed project vicinity, as well as to determine the potential for cultural and historic resources in or near the area of potential effect. Available historic GLO maps, historical topographic maps, Metsker maps, Ogle maps, and various ethnographic sources were reviewed prior to fieldwork for evidence of pre-contact or historic sites in the vicinity of the proposed project area.

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.

The project proponent has completed cultural resource investigation fieldwork and a report summarizing this work is forthcoming. In the event of an unanticipated discovery of cultural resources, the property owner and construction contractor, as well as any subsequent tenant or owner, will be governed by the statutory provisions protecting cultural resources in Chapter 27.53 Revised Code of Washington.

References

General Land Office (1861). Cadastral survey map for Township 9 North, Range 38 East, Willamette Meridian. Electronic document, glorecords.blm.gov, accessed November 17, 2021.

Hunn, Eugene S., E. Thomas Morning Owl, Phillip E. Cash Cash, and Jennifer Karson Engum (2015). *Čáw Pawá Láakni, They Are Not Forgotten: Sahaptian Place Names Atlas of the Cayuse, Umatilla, and Walla Walla*. Tamástslikt Cultural Institute, Pendleton, Oregon.

Metsker, Charles
1933a Township 9 N., Range 38 E., Huntsville, Long. In the atlas Columbia County 1933. Metsker Map Company.
1933b Township 10 N., Range 38 E., Dayton. In the atlas Columbia County 1933. Metsker Map Company.

Ogle, George
1913a Township 9 N Range 38 E, Huntsville. In the atlas Columbia County 1913. Geo. A. Ogle & Co., Chicago, Illinois.

Tracy, Ray L.
2011 *A Cultural Resources Evaluation of the Martin Conservation Easement Project*. NADB No. 1681027. On file at the Washington State Department of Archaeology and Historic Preservation, Olympia, Washington.

U.S. Geological Survey
1919 Topographic Map: Walla Walla, Washington 1:125,000-scale.
1953 Topographic Map: Walla Walla, Washington 1:125,000-scale.
1967 Topographic Map: Huntsville, Washington 1:25,000-scale.

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.

The proposed project is accessed from Highway 12 to the south. Existing access roads will be improved for site access (see Figure 3B, Site Plan).

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?

There are no known public transit stops near the proposed project area. The nearest public transit stop is located approximately 2 miles away in the City of Dayton.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

The completed project is anticipated to create approximately six parking spaces.

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).

The proposed project is not anticipated to require any new roads or or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities.

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

An existing rail line, owned by the Port of Columbia, is located immediately to the south of the project site but will not be impacted by this project.

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?

During normal operation, City staff may visit the project site once per day to verify that the facilities are operating properly.

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 impact to the movement of agricultural or forest products on roads or streets is anticipated.

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

It is anticipated that no long-term impacts to transportation will occur as a result of the completed project. During construction, temporary impacts to transportation may occur from construction vehicles traveling to the site. This is expected to be minimal, so no measures are specifically proposed to reduce traffic impacts.

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.

The project is not anticipated to result in an increased need for public services.

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

No measures to reduce or control direct impacts on public services are proposed as the project is not anticipated to result in an increased need for public services.

16. Utilities [help]

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

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.

Utilities proposed for the project include electricity that will be provided by Pacific Power. If a water service is to be provided, a well would be drilled. If a sewer service is to be provided, a septic system would be installed. Decisions on the water and sewer services will be made during the final design of the facilities.

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 ZAC WEATHERFORD

Position and Agency/Organization MAYOR - CITY OF DAYTON

Date Submitted: 01/11/2022

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; production, 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:

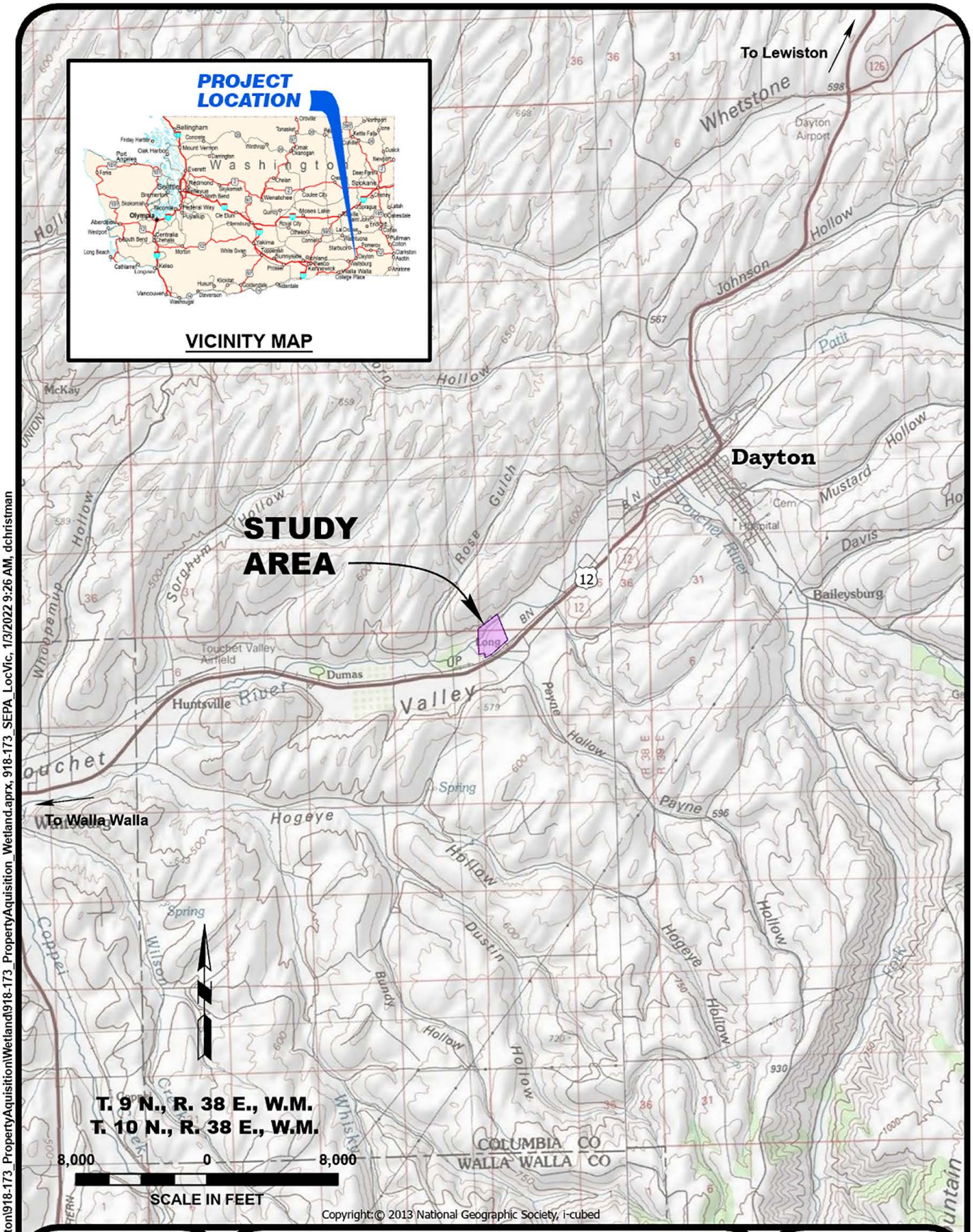
5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

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.



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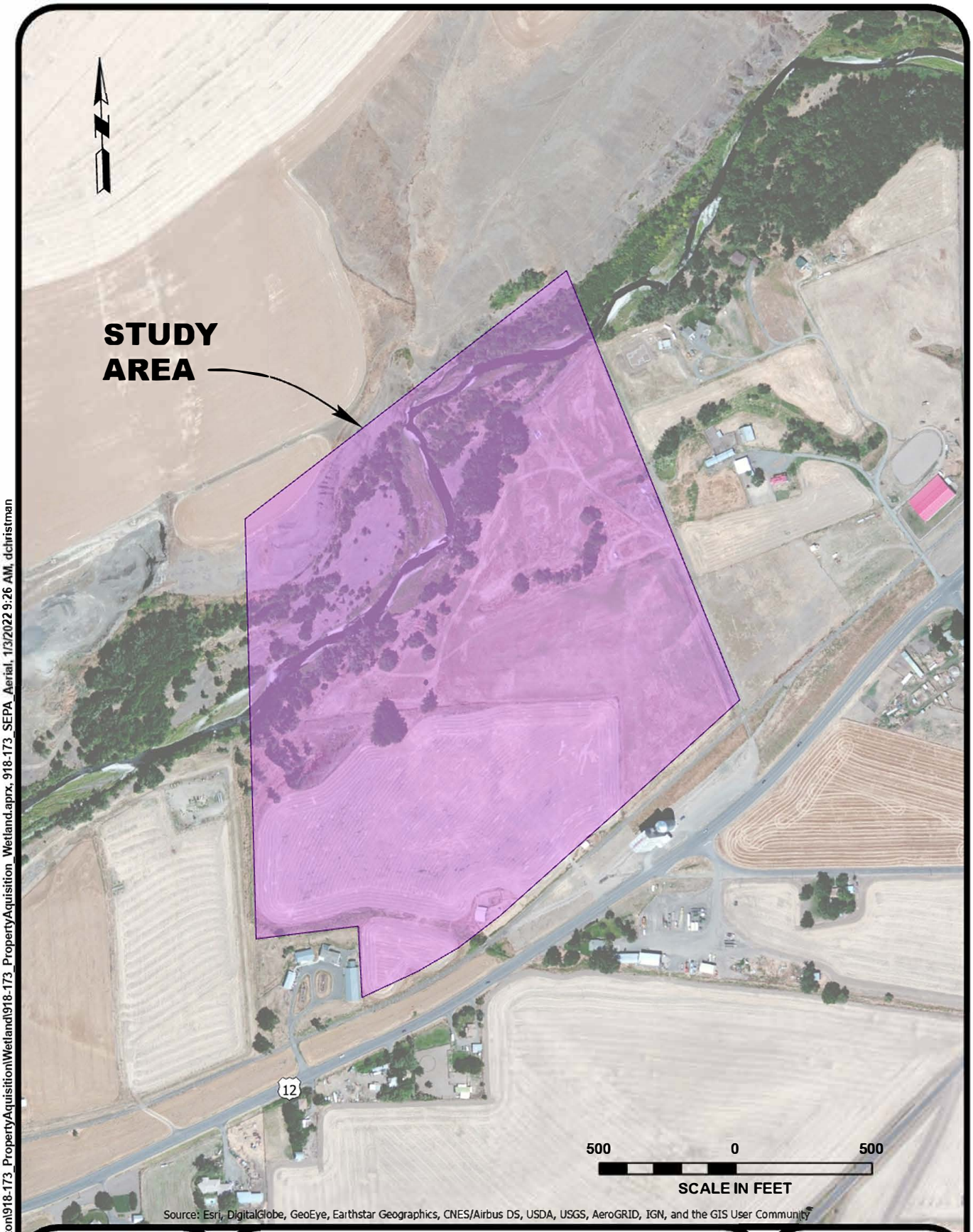
anderson perry & associates, inc.

CITY OF
DAYTON, WASHINGTON
WETLAND COMPLEX
SEPA ENVIRONMENTAL CHECKLIST

LOCATION AND VICINITY MAPS

FIGURE
1



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anderson perry & associates, inc.

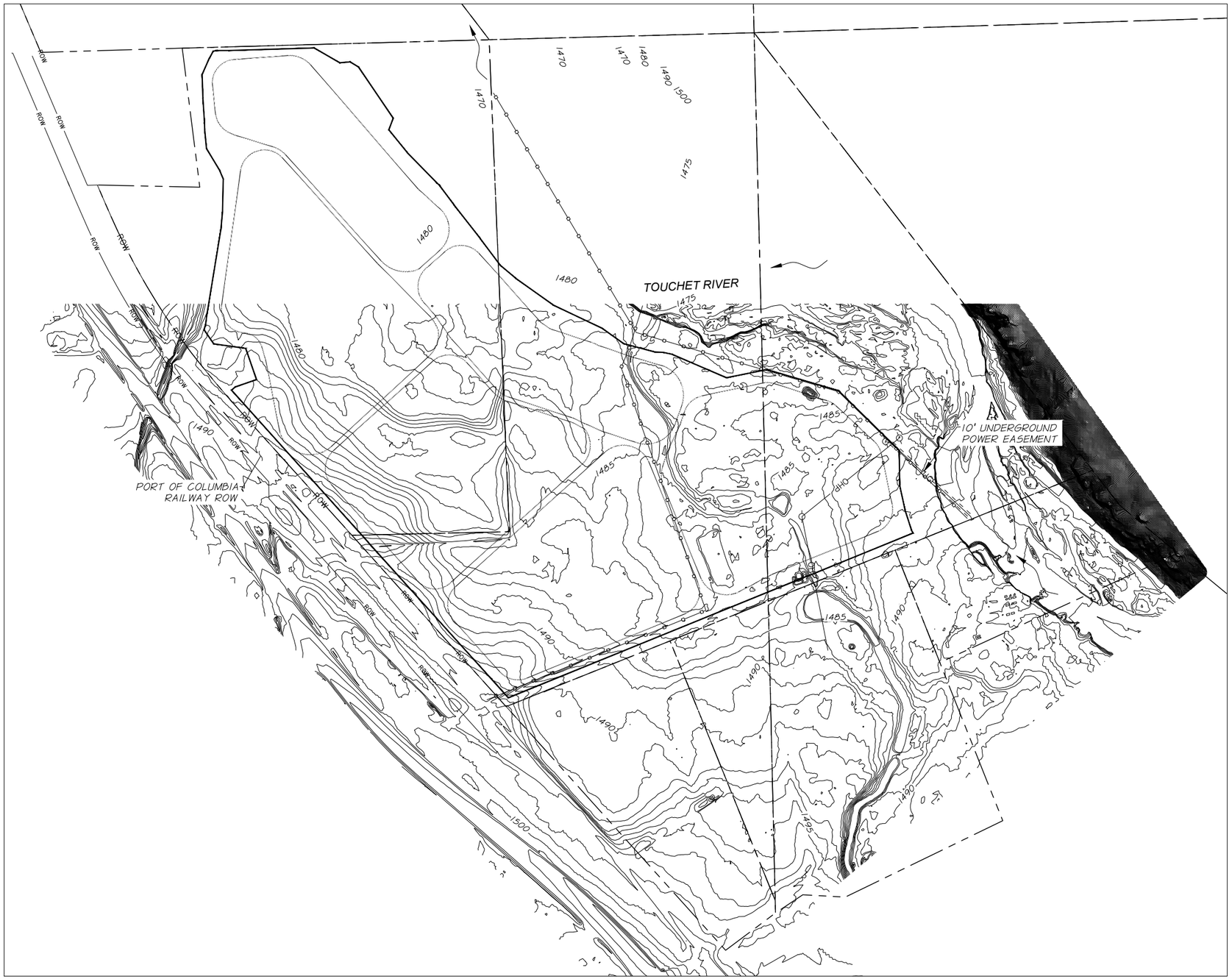
CITY OF
DAYTON, WASHINGTON
WETLAND COMPLEX
SEPA ENVIRONMENTAL CHECKLIST

AERIAL PHOTOGRAPH

FIGURE
2

LEGEND

- ROW — RIGHT-OF-WAY
- FENCE LINE
- POWER EASEMENT
- PARCEL
- PROPOSED WETLANDS
- 1480 — MAJOR CONTOUR
- MINOR CONTOUR



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CITY OF
DAYTON, WASHINGTON
WETLAND COMPLEX
SEPA ENVIRONMENTAL CHECKLIST

SITE PLAN

FIGURE
3A

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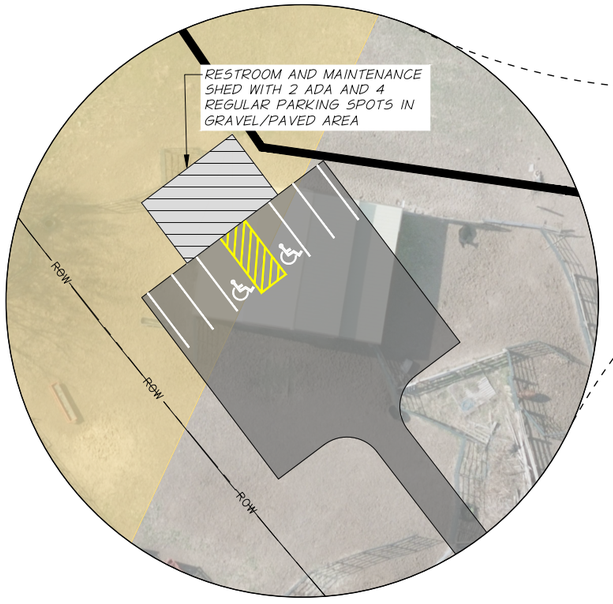
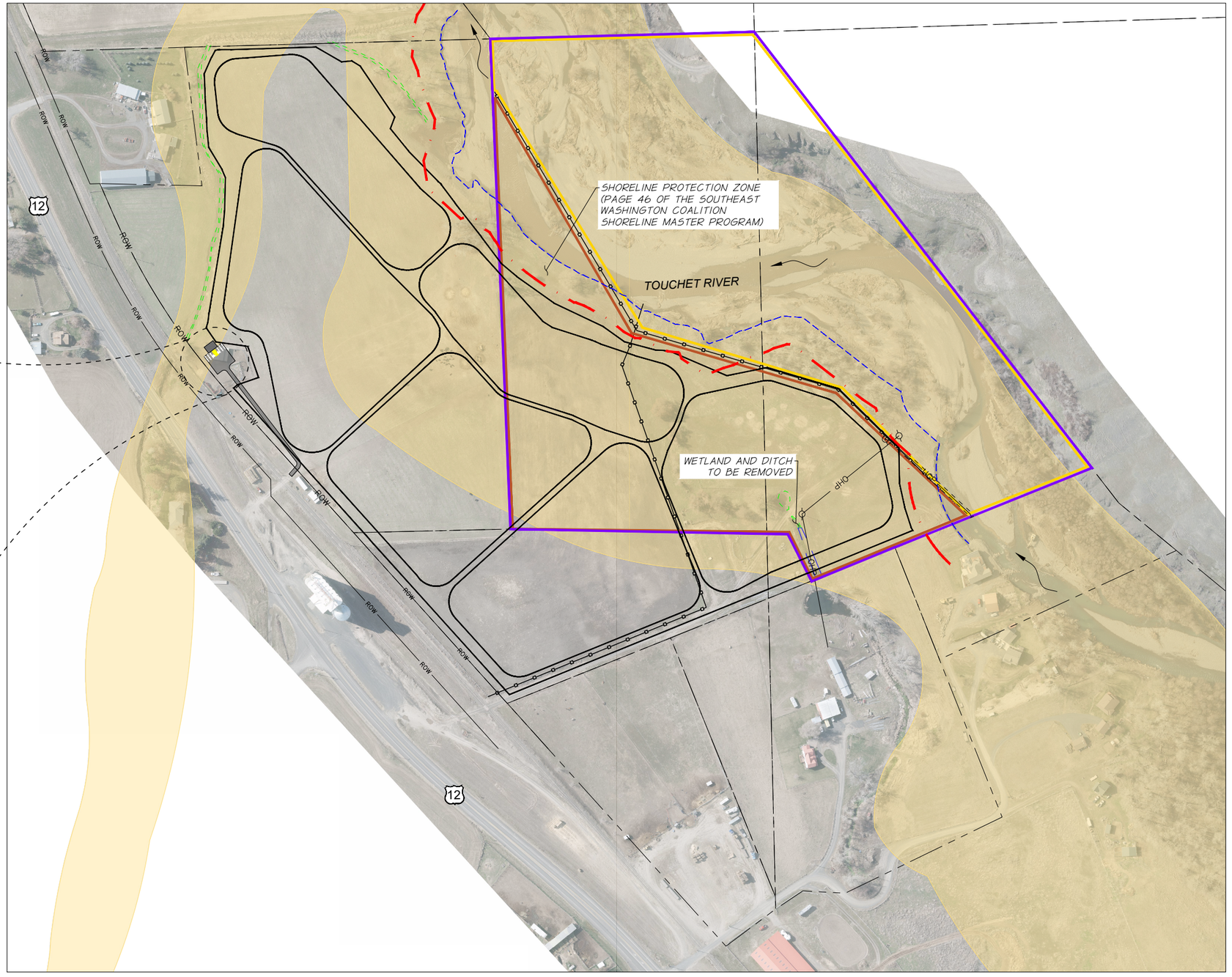
LEGEND

- RIGHT-OF-WAY
- FENCE LINE
- SHORELINE PROTECTION ZONE
- CONSERVATION EASEMENT BOUNDARY
- RIPARIAN ZONE
- AGRICULTURAL ZONE
- DITCH
- EXISTING WETLAND BOUNDARY
- TOP OF BANK (OHWE)
- PARCEL
- PROPOSED WETLANDS

100-YEAR FLOOD ZONE





IMPROVEMENT AREA

WETLANDS: 37.26 ACRES

BUILDING AND ACCESS DRIVE: 0.18 ACRES

INCLUDES:

DRIVEWAY AND PARKING AREA=7288.48 FT²

RESTROOMS AND MAINTENANCE SHED= 600.00 FT²

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CITY OF
DAYTON, WASHINGTON
WETLAND COMPLEX
SEPA ENVIRONMENTAL CHECKLIST

SITE PLAN

FIGURE
3B

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