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: [help]

CHS Auburn Site Cleanup Action

2. Name of applicant: [help]

CHS Inc. - Jerry Eide
Farallon Consulting, L.L.C. – Paul Grabau (consultant)

3. Address and phone number of applicant and contact person: [help]

Jerry Eide
CHS Inc.
763 Willoughby Lane
Stevensville, Montana 59870
(406) 777-0114

Paul Grabau
Farallon Consulting, LLC
1201 Cornwall Avenue, Suite 105
Bellingham, Washington 98225
(360) 527-0241

4. Date checklist prepared: [help]

August 22, 2017

5. Agency requesting checklist: [help]

Washington State Department of Ecology

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

Construction beginning fourth quarter 2017. Operation and maintenance of the groundwater and soil remediation system for at least 5 years.

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

Decommissioning of monitoring and remediation system wells upon completion of cleanup action.

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

- Remedial Investigation Report
- Feasibility Study
- Draft Cleanup Action Report

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. [help]

No.

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

- Construction Permit - City of Auburn
- Right-of-Way Permit (renewal) - City of Auburn

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.) [help]

Expansion of an existing soil and groundwater remediation system by installing up to nine additional air sparging and two soil vapor extraction wells in an approximately 6,500 square foot area adjacent to

Auburn Way South in Auburn, Washington. The new wells will be connected via piping installed by subsurface trenching to an existing remediation equipment shed on CHS Inc. property. The surface of the trenching area will be restored to pre-trenching conditions (paving or soil) depending on location. A site plan is attached as Figure 1. A conceptual plan of the proposed remediation wells for the cleanup action is provided on Figure 2.

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. [help]

West-adjacent to Auburn Way South between 8th Street Southeast and 7th Street Southeast in Auburn Washington. The project area includes portion of King County parcel Nos. 083500003, 3141600800, and 3141600810. The site is in Sections 18 and 19, Township 21 North, Range 5 East of the Willamette Meridian in King County, Washington.

B. ENVIRONMENTAL ELEMENTS [help]

1. Earth [help]

a. General description of the site: [help]

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

b. What is the steepest slope on the site (approximate percent slope)? [help]
Less than 5 percent.

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. [help]
Silty sand and gravel.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help]
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. [help]
Approximately 300 linear feet of trenching to install piping to connect new wells to existing equipment. Backfill using excavated soil where suitable.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help]
No.

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

No additional impervious surfaces will be added as a result of the project.

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

Catch basin inserts will be used for proximal stormwater catch basins to control potential sedimentation. Additional best management practices may be employed, as necessary, and if required as conditions of the City of Auburn Construction Permit.

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. [help]

- Exhaust from drilling and excavating equipment
- Petroleum hydrocarbon vapors in extracted soil vapor

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

No.

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

Extracted soil vapors will be treated using granular activated carbon.

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. [help]

No.

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. [help]

No.

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. [help]

None.

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

No.

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

No.

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

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. [help]

No.

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

None.

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. [help]

None.

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

No.

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

No.

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

Catch basin inserts will be used during trenching and backfilling.

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
__X__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? [help]

None.

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

None.

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

None.

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

Typical urban weeds (dandelions etc.) in grassy areas.

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. [help]

Examples include:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

Songbirds.

b. List any threatened and endangered species known to be on or near the site. [help]

None.

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

No.

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

None.

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

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. [help]

Electric to power air sparging compressor and soil vapor extraction vacuum blower.

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

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: [help]

None.

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. [help]

Potential exposure to petroleum hydrocarbon constituents in soil during well installation.

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

Petroleum hydrocarbons in soil and groundwater from historical releases from CHS Inc, Auburn facility.

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. [help]

Petroleum hydrocarbons could be encountered in soil at depths of greater than 15 feet during well installations.

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. [help]

Soil cuttings from drilling and decontamination and purge water from groundwater well installation and sampling will be stored temporarily in a secure fenced area on the CHS Inc. property

4) Describe special emergency services that might be required. [help]

Site-specific Health and Safety Plans and Hazardous Waste Operations and Emergency Response training will be required for site contractors. The Health and Safety Plans will provide emergency contact information, evacuation routes, and directions to the nearest hospital facilities.

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

Hazardous Waste Operations and Emergency Response training and medical monitoring will be required of construction contractors for the project.

b. Noise [help]

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

Traffic noise from Auburn Way South.

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. [help]

Drilling equipment and excavation equipment operational noises. Work will be conducted during standard business hours.

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

Equipment will be turned off, as feasible, when not in active use.

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. [help]

Commercial office, restaurant, fuel sales and support.

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? [help]

No.

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: [help]

No.

c. Describe any structures on the site. [help]

1,434 square foot one story wood frame restaurant building on Parcel No. 3141600810

3,081 square foot one story masonry office/retail building on Parcel No. 0835000035

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

No.

e. What is the current zoning classification of the site? [help]

C-3 Heavy Commercial for private parcels, P-1 Public Use for the Auburn Way right-of-way

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

Heavy Commercial

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

Not applicable.

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

No.

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

None.

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

None.

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

Not applicable.

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

None.

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

Not applicable.

9. **Housing** [help]

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

None.

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

None.

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

None.

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? [help]

Not applicable.

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

None.

b. Proposed measures to reduce or control aesthetic impacts, if any: [help]

None.

11. **Light and Glare** [help]

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

None.

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

No.

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

None.

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

None.

12. **Recreation** [help]

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

None.

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

No.

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

None.

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. [help]

No.

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. [help]

No.

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. [help]

None.

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. [help]

None.

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. [help]

See attached site plan. Auburn Way South, 7th Street Southeast, 8th Street Southeast, C Street Southeast.

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? [help]

Yes, King County Metro Bus

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

None.

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). [help]

No.

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

No.

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? [help]

None.

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. [help]

No.

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

None.

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. [help]

No.

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

None.

16. **Utilities** [help]

a. Circle utilities currently available at the site: [help]

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. [help]
Drilling for installation of air sparging (AS) and soil vapor extraction (SVE) wells will be required. Trenching for piping to connect air lines to the AS/SVE wells from an existing remediation system shed on CHS property will also be required. Existing electrical service in the remediation system shed will be used for air compressor and vacuum blower for the remediation system.

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: Paul C Grabau

Name of signee PAUL C GRABAU

Position and Agency/Organization PRINCIPAL HYDROGEOLOGIST, FARALLON CONSULTING, LLC

Date Submitted: 8/22/17

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; 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.

STATE ROUTE - 18

AUBURN WAY SOUTH

6TH STREET SE

7th STREET SE

8th STREET SE

6TH STR

7TH S

8TH S

FIRE HOUSE SQUARE

D STREET SE

C STREET SE

AUBURN WAY SOUTH

SCHUCKS

MCDONALD'S

WSIADA

THAI RESTAURANT

BIG-O TIRES

CHS AUBURN FACILITY

CHS MAIN BUILDING

CMW-20 CMW-23 CMW-22 CMW-19 DAS-13 DAS-14 DSVE-15 DSVE-16 CMW-32 CMW-14 CMW-17 CMW-21 CMW-9 CMW-15 CMW-8 CMW-31 HMW-12 CMW-5 HMW-9 HMW-5 HMW-6 HMW-10 HMW-8 CMW-18 CMW-12 CRW-2 HMW-11 CMW-7 CMW-6 CMW-13 CMW-27 CSVE-1 CMW-2 CAS-3 CAS-1 CAS-2 CMW-10 CRW-1 CMW-11 CAS-12 CSVE-7 CAS-10 CSVE-8 CAS-11 CSVE-4 CAS-4 CAS-5 CMW-25 CAS-8 CAS-13 CMW-28 CSVE-6 CAS-7 CSVE-5 CAS-9 AS-1 AS-14 SV-2 SV-14 HMW-13 SV-1 SV-15 SV-16 AS-15 SV-3 AS-13 AS-16 SV-13 CMW-4 CMW-29 CMW-26 AS-12 SV-12 AS-11 SV-11 SV-10 CMW-3 CMW-30 CMW-1 CMW-24 HMW-14

0 100

APPROXIMATE SCALE IN FEET

LEGEND

CMW-25	CHS MONITORING WELL
CRW-2	CHS RECOVERY WELL
HMW-13	HILLMAN MONITORING WELL
AS-2	AIR SPARGE (AS) WELL AS/ SOIL VAPOR EXTRACTION (SVE) PERIMETER SYSTEM
CAS-13	AS WELL AS/SVE CENTRAL SYSTEM
DAS-13	AS WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)
SV-3	SVE WELL AS/SVE PERIMETER SYSTEM
CSVE-3	SVE WELL AS/SVE CENTRAL SYSTEM
DSVE-16	SVE WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)
CAS-12 CSVE-7	DUAL COMPLETION SVE AND AS SYSTEM WELL
CMW-9	LOST OR ABANDONED MONITORING WELL

FARALLON CONSULTING

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Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Bend | Baker City

California
Oakland | Sacramento | Irvine

FIGURE 1

SITE PLAN
CHS AUBURN SITE
AUBURN, WASHINGTON

FARALLON PN: 301-004

Drawn By: MB Checked By: PG Date: 4/3/2017 Disk Reference: 301-004_02

STATE ROUTE - 18

AUBURN WAY SOUTH

6TH STREET SE

CMW-20 CMW-23 CMW-22 CMW-19 DAS-13 DAS-14 DSVE-15 DSVE-16 CMW-32 CMW-14 CMW-17 CMW-21 6TH STR CMW-15 CMW-9 CMW-8 CMW-31

FIRE HOUSE SQUARE

SCHUCKS

HMW-12 HMW-9 HMW-5 HMW-6 HMW-8 HMW-10 CMW-5 CMW-18 7TH S D STREET SE

CMW-12 CRW-2 HMW-11 MCDONALD'S CMW-6 CMW-13 8TH S

CMW-7 7th STREET SE

AS-V AS-A SVE WSIADA CMW-27

CENTRAL AS/SVE SYSTEM

CSVE-1 CAS-1 CAS-2 CAS-3 CMW-10 CMW-11 CRW-1

CAS-12 CSVE-7 CAS-10 CSVE-8 CAS-11 THAI RESTAURANT CAS-4 CSVE-4 CAS-5 CAS-13 CMW-25 CAS-8 CMW-28 CSVE-6 CAS-9 CAS-7 CSVE-5

8th STREET SE

HMW-13 AS-1 AS-14 SV-2 SV-14 SV-1 SV-15 SV-16 AS-15 SV-3 AS-16 AS-13 SV-13 CMW-26 CMW-29 AS-12 SV-12 AS-11 SV-11 SV-10

PERIMETER AS/SVE SYSTEM

CMW-4

BIG-O TIRES CMW-3

CHS AUBURN FACILITY CMW-30 CMW-1

CHS MAIN BUILDING

CMW-24

C STREET SE

HMW-14

0 100

APPROXIMATE SCALE IN FEET

LEGEND

- AS-V — PROPOSED VERTICAL AIR SPARGE (AS) WELL
- AS-A — PROPOSED ANGLED AIR SPARGE WELL
- SVE — PROPOSED SOIL VAPOR EXTRACTION (SVE) WELL
- APPROXIMATE EXTENT OF TOTAL PETROLEUM HYDROCARBONS AS GASOLINE-RANGE ORGANICS AND BENZENE EXCEEDING WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION METHOD A CLEANUP
- CMW-25 — CHS MONITORING WELL
- CRW-2 — CHS RECOVERY WELL
- HMW-13 — HILLMAN MONITORING WELL
- CAS-13 — AS WELL AS/SVE CENTRAL SYSTEM
- AS-2 — AS WELL AS/SVE PERIMETER SYSTEM
- CSVE-3 — SVE WELL AS/SVE CENTRAL SYSTEM
- SV-3 — SVE WELL AS/SVE PERIMETER SYSTEM
- CAS-12 / CSVE-7 — DUAL COMPLETION SVE AND AS SYSTEM WELL
- CMW-9 — LOST OR ABANDONED MONITORING WELL
- DSVE-16 — SVE WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)
- DAS-13 — AS WELL AS/SVE DOWN-GRADIENT SYSTEM (LOST)

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Washington
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Oregon
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FIGURE 2

CONCEPTUAL PLAN OF REMEDIATION WELLS
FOR PREFERRED CLEANUP ALTERNATIVE
FOR GROUNDWATER
CHS AUBURN SITE
AUBURN, WASHINGTON

FARALLON PN: 301-004

Drawn By: MB | Checked By: PG | Date: 4/3/2017 | Disk Reference: 301004k