

# Lake Sawyer Management Plan Technical Appendices

July 2000



**APPENDIX A**  
**SEPA Checklist**



## DETERMINATION OF NON-SIGNIFICANCE

Name of Proposal: Management Plan for Lake Sawyer and Its Watershed

Description of Proposal:

The proposal will involve the implementation of watershed best management practices/source control measures, potential regional stormwater treatment, aquatic plant management measures, long-term lake and watershed monitoring programs, and potential contingency in-lake measures as described in Chapter 7 of the Lake Sawyer Management Plan. The watershed measures will be applied throughout the Lake Sawyer watershed. The lake is 280 acres in size and the two inflows (Rock Creek and Ravensdale Creek) will be the sites for off-line regional alum injection and/or constructed wetland retention/detention stormwater treatment facilities. Separate SEPA compliance will be conducted for any regional stormwater treatment or contingency in-lake measures.

Location of Proposal:

Lake Sawyer is located in the Covington Creek watershed approximately two miles northwest of Black Diamond in King County, Washington (Figure 1). Access to the lake is via Lake Sawyer park, a King County park with a Washington State Department of Fish and Wildlife public boat launch, located on the northwest shoreline (Figure 1). The watershed includes portions of Sections 1-4, 9-16, and 22-24, R6E, T21N and Sections 35 and 36, R6E, T22N.

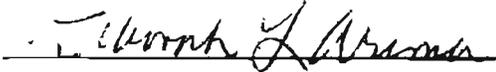
Responsible Official: Debbie Arima

Position/Title: Acting Manager,  
Water and Land Resources Division

Address: 700 Fifth Avenue, Suite 2200  
Seattle, Washington 98104

Phone: (206) 296-6587

DATE: 1/21/97

SIGNATURE: 

Proponent and Lead Agency: King County Department of Natural Resources  
Water and Land Resources Division

Contact Person(s): Joanne Davis  
(206) 296-8383

Determination of Non-Significance  
Continued  
Page 2

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. **THIS INFORMATION IS AVAILABLE TO THE PUBLIC ON REQUEST (for a nominal photocopying fee).**

**THE DETERMINATION OF NON-SIGNIFICANCE (DNS) is issued under WAC 197-11-340(2); the lead agency will not act on this proposal until after February 7, 1997. Comments must be submitted or postmarked by this date.**

You may appeal this DNS by filing a Notice of Appeal with the responsible official of the lead agency given above. In accordance with King County Code 27.48.010 and 27.48.020, all appeals to the Zoning and Subdivision Examiner must be accompanied by a check for \$125.00 at the time of submittal to the lead agency. The check should be made out to the King County Surface Water Management Division. This notice will then be filed with the Zoning and Subdivision Examiner's Office, and a hearing date will be set. You will be notified two weeks in advance of the hearing date. You should be prepared to make specific factual objections. A Notice of Appeal is a letter stating the following:

1. The name of the proposal
2. The action to which you object (the DNS)
3. The agency taking the action (Natural Resources)
4. The basis for the objection (why the proposal would have a significant adverse impact on the environment)
5. Your name and how you can be reached

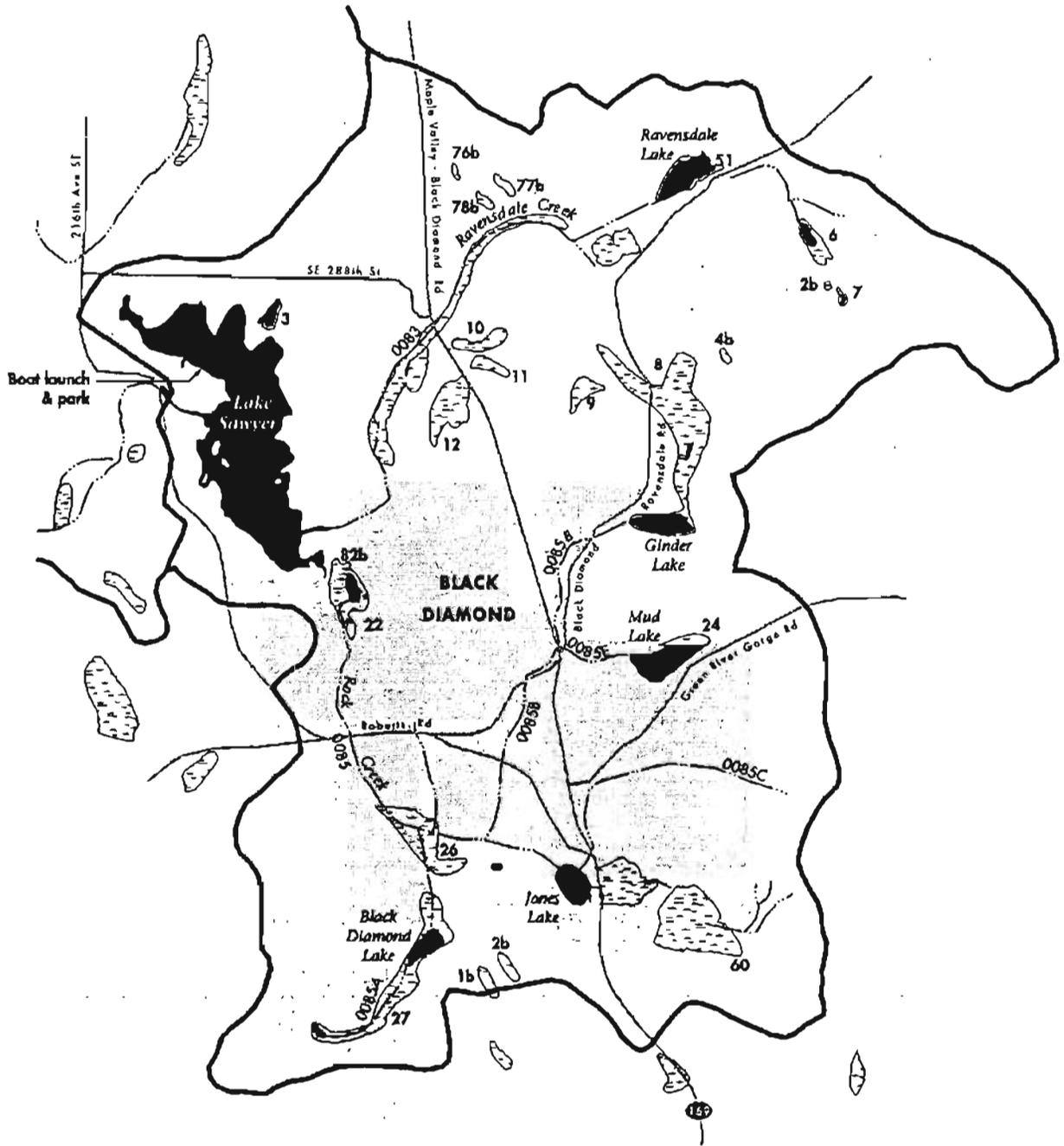
Any Notice of Appeal for this DNS must be received or postmarked no later than February 7, 1997. If you have any questions regarding this project, please call Joanne Davis, Project Manager, at 296-8383.

If you wish to file a Notice of Appeal, please send it to:

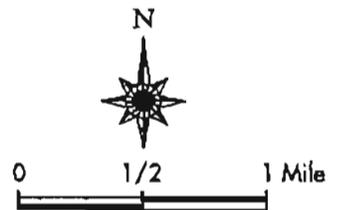
Joanne Davis  
King County Department of Natural Resources  
Water and Land Resources Division  
700 Fifth Avenue, Suite 2200  
Seattle, WA 98104

If you have any questions about the procedures for SEPA appeals, please call the Zoning and Subdivision Examiner at (206) 296-4660.

**Figure 1**  
**Lake Sawyer Watershed**



-  Watershed Boundary
-  Stream & Stream Number
-  Major Road
-  Lake
-  Wetland & Wetland Number







**KING COUNTY  
ENVIRONMENTAL CHECKLIST**

1. *Name of the proposed project, if applicable:*

Management Plan for Lake Sawyer and its Watershed

2. *Name of Applicant:*

King County Department of Natural Resources  
Water and Land Resources Division

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

Joanne Davis, Senior Water Quality Specialist  
King County Water and Land Resources Division  
700 Fifth Avenue, Suite 2200  
Seattle, WA 98104  
Phone: (206) 296-8383  
FAX: (206) 296-0192

4. *Date checklist prepared:*

December 31, 1996

5. *Agency requesting checklist:*

King County Department of Natural Resources  
Water and Land Resources Division

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

Implementation of the management plan is proposed to be funded through Centennial Clean Water Fund (CCWF) grant, private sector and local government funding, and Lake management district formation. CCWF application could occur in February 1998. Lake management district formation could be initiated in March 1997, and is proposed to be completed in September 1998. Depending upon implementation funding, design and engineering for regional treatment system could be initiated in 1998, completed, and installed in 1999. Depending upon funding, the remaining management plan activities would be initiated and performed between 1997-2006.

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

No additional work is planned beyond what is currently contained in the management plan. There are contingency measures contained in the plan which could be implemented at a future date, with separate SEPA compliance processes to be conducted then.

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

Draft Management Plan for Lake Sawyer and its Watershed, prepared by King County and Entranco, Inc., January 1997; Final Plan, March 1997 (proposed).

Diagnostic Study of Lake Sawyer, February 1989 through March 1990, by J.V. Carroll and G. J. Pelletier, Washington State Department of Ecology, March 1991.

Lake Sawyer Hydrogeologic Study, prepared by Hart Crowser for Washington State Department of Ecology. October, 1990.

All above-listed documents are available for review at the Water and Land Resources Division offices.

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.*

The City of Black Diamond and King County adopted an Urban Growth Agreement in November 1996 which adds 780 acres for residential and commercial development in Black Diamond.

Several residential development proposals are in various stages of governmental approval. The development of these properties without implementation of the lake management recommendations will likely result in a worsening of lake water quality.

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

Environmental Checklist

King County Council and/or Black Diamond adoption of the Lake Sawyer Management Plan

King County and/or Black Diamond Filling & Grading,

Shorelines permits

Washington State Department of Fish and Wildlife-Hydraulic Permit

Washington State Department of Ecology-Short-term Water Quality Modification Permit.

11. *Give a 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 proposal will involve the implementation of watershed best management practices/source control measures, potential regional stormwater treatment, aquatic plant management measures,

long-term lake and watershed monitoring programs, and potential contingency in-lake measures as described in Chapter 7 of the Lake Sawyer Management Plan. The watershed measures will be applied throughout the Lake Sawyer watershed. The lake is 280 acres in size and the two inflows (Rock Creek and Ravensdale Creek) will be the sites for off-line regional alum injection and/or constructed wetland retention/detention stormwater treatment facilities. Separate SEPA compliance will be conducted for any regional stormwater treatment or contingency in-lake measures.

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.*

Lake Sawyer is located in the Covington Creek watershed approximately two miles northwest of Black Diamond in King County, Washington (Figure 1). Access to the lake is via Lake Sawyer park, a King County park with a Washington State Department of Fish & Wildlife public boat launch, located on the northwest shoreline (Figure 1). The watershed includes portions of Sections 1-4, 9-16, and 22-24, R6E, T21N and Sections 35 and 36, R6E, T22N.

## **B. ENVIRONMENTAL ELEMENTS**

### **1. Earth**

- a. *General description of the site (underline one): Flat, rolling, hilly, steep slopes, mountainous, other.*

The watershed topography ranges from 500 to approximately 1,000 feet above mean sea level. The majority of the watershed is a mixture of gently sloping forested hills with several moderate sized wetlands in the valleys.

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

In the upper reaches of Rock Creek, within the City of Black Diamond, the steepest slope occurs along the south side of Franklin Hill, where isolated slopes of the hillside approach 30 percent. Additionally, some isolated slopes east of Black Diamond Lake range between 16 and 24 percent. Most other areas throughout the watershed range between 0 to 15 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 prime farmland.*

The two predominant soil types in the watershed are AgC-Alderwood Gravelly Sandy Loam (slope 6-15%) and EvC-Everett Gravelly Sandy Loam (slope 6-15%). There are 17 other soil types present including: AgD- Alderwood Gravelly Sandy Loam (slope 15-30%), AgF-Alderwood Gravelly Sandy Loam; AkF; BeC- Beausite Gravelly Sandy Loam (SLOPE 6-15%); BeD- Beausite Gravelly Sandy Loam (14-30 %); BeF; Bh; Bu-Buckley

Silt Loam(slope 0%); EvB-Everett Gravelly Sandy Loam (slope 0-6%); EvD-Everett Gravelly Sandy Loam (slope 15-30%); Ma; No-Norma Sandy Loam (slope <2%); Or; RdC; Sk- Seattle Muck (slope <1%); Sm-Shalcar muck (slope <1%); and Ur.

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

The King County Sensitive Area Folio shows erosion and coal mine hazard areas on the hillslopes running generally between Ginder Lake and Ravensdale ( King County, 1990).

Additionally, there are known coal mine entrances, stock piles of coal tailings or mine spoils throughout the City of Black Diamond. The City of Black Diamond Sensitive Area Ordinance (SAO) identifies Coal Mine Hazards/Moderate and High Hazard Areas. The City's SAO and other regulations require geological studies, detailing depth to workings, the presence of surface openings, or potential sinkholes, and a detailed examination of historic coal mine maps prior to any development (City of Black Diamond Comprehensive Plan, 1996).

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

Does not apply.

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

Erosion could result during the construction of regional treatment systems. Appropriate measures will be taken to prevent sediment and turbid water from entering the lake.

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

A 500-1000 square foot building will be constructed to house the alum injection and other operational equipment for the regional treatment facilities. The final design and location of the these facilities remains to be determined. The existing two main inflows are the likely sites pending land purchase agreements, final system design and approval by the various local and state agencies. Separate SEPA compliance would be conducted for construction of these facilities.

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

Appropriate measures will be taken during construction to control erosion. All disturbed areas will be stabilized following construction.

## 2. Air

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

Not applicable to the plan itself. Minor dust emissions during the construction of the alum injection building could occur in the immediate area. No impacts to air quality will occur upon completion of the project construction. Separate SEPA compliance would be conducted for regional stormwater treatment, including alum injection.

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

Does not apply.

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

Appropriate dust control will be employed if necessary.

### 3. Water

- a. *Surface:*

- 1) *Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, and wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.*

Lake Sawyer and Rock Creek (0085) and Ravensdale Creek (0083).

- 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.*

Not applicable to the plan itself. The project will attempt to maintain the trophic status of Lake Sawyer through implementation of watershed source control measures and potential construction of regional stormwater treatment facilities. Alum injection application will occur at the mouth of the two main inflows to the lake and will not have any significant land surface impacts. Temporary modification of water quality will occur during the alum application process. Construction of the regional stormwater treatment systems will take place during the summer to minimize land and water impacts. Separate SEPA compliance would be conducted for regional stormwater treatment, after an assessment of feasibility.

- 3) *Estimate the amount of fill and dredge material that could be placed in or removed from surface water or wetlands and indicate the area of the site that will be affected. Indicate the source of fill material.*

Does not apply.

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

Stormwater would be temporarily diverted at the mouth of both Rock and Ravensdale Creek into the off-line alum injection regional treatment facility, treated

with alum to reduce phosphorus concentrations, discharged into ponds for settling of alum sludge, and diverted back into the lake. Design of these facilities would take into account fish passage bypass requirements. Separate SEPA compliance would be conducted for regional stormwater treatment.

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

Does not apply.

- 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.*

Does not apply.

b. *Ground:*

- 1) *Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities, if known.*

Does not apply.

- 2) *Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage, industrial 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.*

Does not apply.

c. *Water Runoff (including stormwater):*

- 1) *Describe the source of runoff (including stormwater) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.*

Not applicable to the plan itself. Stormwater would be diverted and treated in two off-line alum injection regional facilities at the mouth of both Rock and Ravensdale Creeks. Treated stormwater would then be discharged back into the lake via a settling pond and/or vegetated bioswale area prior to entering the lake, depending upon final site design. Separate SEPA compliance would be conducted for regional stormwater treatment.

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

All implementation activities are designed to improve water quality in and around the lake. The R/D alum injection regional treatment ponds would have to be dredged out annually and the dredge spoils tested and appropriately disposed of.

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

The plan addresses runoff impacts from expected private development and recommends best management practices to control phosphorus in such runoff. The final project plans will address the short-term impacts from construction activities related to the potential installation of the regional stormwater treatment systems. These impacts are expected to be insignificant compared with the long-term benefits associated with reducing the external phosphorus loading to Lake Sawyer.

#### 4. Plants

- a. *Check or underline types of vegetation found on the site:*

deciduous tree: alder, maple, aspen, other  
 evergreen tree: fir, cedar, pine, other  
 shrubs  
 grass  
 pasture  
 crop or grain  
 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?*

Minimal vegetation removal will be needed at the two inflow sites. If upstream locations are used for additional regional treatment sites (e.g., constructed wetlands), vegetation would be removed consistent with associated developed plans and specifications. Separate SEPA compliance would be conducted for regional stormwater treatment.

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

Does not apply.

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

Revegetation of watershed wetlands and lake shoreline with native plants would be included among plan recommendations and any mitigation requirements related to potential construction of regional stormwater treatment facilities.

#### 5. Animals

- a. *Underline any birds and animals which have been observed on or near the site, or are known to be on or near the site:*

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

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

Bald eagles have been seen throughout the watershed and a possibly unique population of Coho have been observed in Ravensdale Creek although this species is not as yet listed.

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

Coho salmon migrate through the lake to and from upstream spawning areas in Ravensdale and possibly Rock Creeks. Hatchery produced juvenile Coho are also released into Rock Creek. The lake and watershed wetlands provide resting sites for waterfowl during annual migration. The lake and wetland also support resident waterfowl populations.

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

Watershed source controls and regional stormwater treatment are expected to improve aquatic habitat for resident and migrating fish.

## 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 needs? Describe whether it will be used for heating, manufacturing, etc.*

Not applicable to the plan itself. Electric power would be used to run the on-shore alum injection equipment.

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

Does not apply.

- 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:*

Does not apply.

## 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.*

Does not apply.

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

Does not apply. However, an emergency spill response plan for the alum injection system would be developed as required.

- 2) *Proposed measures to reduce or control environmental health hazards, if any:*

Does not apply. However, a daily operation, maintenance, and safety manual would be developed for regional treatment facilities.

b. *Noise:*

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

Does not apply.

- 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, equipment operation, other)? Indicate what hours noise would come from the site.*

Not applicable to the plan itself. Short-term noise would be expected during the construction process. Construction of regional stormwater facilities would likely take place from April-October during normal working hours. Maintenance facility trucks and equipment would need to use the existing access road to these two sites. Routine maintenance would be conducted in the dry season during regular working hours. Emergency maintenance might occur at any time during significant storm events. Noise from the facility, housing and equipment would be expected to be insignificant, except during facility maintenance and during annual dredging. Separate SEPA compliance would be conducted for regional stormwater treatment.

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

Not applicable to the plan itself. Hours of construction will be limited to comply with local noise ordinances. Long-term, noise will be emitted from vehicle and equipment apparatus associated with maintenance activities inside the building and adjacent to and within the pond. However, final noise levels are expected to be below local noise thresholds or standards.

8. **Land and Shoreline Use**

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

The lake is primarily used for fishing, boating, and swimming. Primary access to the lake is from boat launch operated in the county's Lake Sawyer park at the northwest end of the lake and local resident shoreline access. The properties adjacent to the lake are used for residential or recreational uses. The remaining watershed properties are used for residential uses and also contain the City of Black Diamond, as well as several significant mining operations.

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

Agricultural activities in the watershed are minimal. There are several animal-keeping and small farm operations throughout the watershed.

c. *Describe any structures on the site.*

Does not apply.

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

Does not apply.

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

The entire shoreline area has been designated within an urban growth area. Land adjacent to the two inflow sites within the City of Black Diamond is conceptualized as medium density residential (4-8 units per acre). Other zoning designations throughout the Rock Creek drainage basin include: rural/unzoned; residential 1 unit/acre; residential 4-6 units/acre; residential 18 units/acre; commercial; industrial; and mineral resource.

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

The King County Comprehensive Plan designates the area immediately around the lake as urban. The remaining portions of the watershed including the City of Black Diamond have been designated as urban, forest, mining, rural, or open space. An Urban Growth Agreement (1996) between Black Diamond and King County increased the land available for new development.

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

The entire shoreline is designated urban.

h. *Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.*

At the southern shoreline of Lake Sawyer and adjacent to this area at the mouth of Rock Creek is Covington Creek Wetland 82, a class 1 wetland based on the King County Wetlands Inventory (1990).

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

Does not apply.

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

Does not apply.

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

Does not apply.

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

Specific inflow treatment sites would have to be identified and acquired. Areas potentially suitable for these facilities are also being considered for acquisition as open space by the King County Office of Open Space. Separate SEPA compliance would be conducted for regional stormwater treatment.

**9. Housing**

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

Does not apply.

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

Does not apply.

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

Does not apply.

**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?*

Not applicable to the plan itself. Design for alum injection buildings has not been done. It is expected that the structures would not exceed 12 feet in height. Standard materials (concrete, brick, and wood) would be used to construct the alum injection buildings.

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

Does not apply.

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

No significant aesthetic impacts are anticipated. If sites were acquired for regional treatment, the design would need to incorporate a mix of uses (e.g., public access, trails, parks, wildlife viewing and educational signage). Appropriate landscaping would be incorporated. Separate SEPA compliance would be conducted for regional stormwater treatment.

**11. Light and Glare**

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

Does not apply. However, one outside light would be installed on both buildings.

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

Does not apply.

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

Does not apply.

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

Does not apply.

## 12. Recreation

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

The lake itself has year round, seasonally heavy, fishing use. Other uses include boating, sailing, water skiing, scuba diving, swimming, picnicking, wildlife observation, and general aesthetic enjoyment. The proposed potential Rock Creek regional stormwater treatment site has a number 1 rated wetland located upstream and adjacent to this location. Wildlife viewing, hiking, and aesthetics could be very popular at this site. The City of Black Diamond's Comprehensive Plan, 1996, includes a series of parks, open space, and trail corridors within the city including these properties. Separate SEPA compliance would be conducted for regional stormwater treatment.

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

No displacement of existing recreational uses would be expected. The project is expected to enhance recreational uses of the lake by providing maintenance of lake trophic status.

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

Does not apply.

## 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.*

Does not apply.

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

Does not apply.

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

Does not apply.

**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.*

Public access to the lake at the park and boat launch is currently located at Lake Sawyer park (SE 296th Street). The drainage basin is generally accessed via State Route 169, the SE Auburn-Black Diamond Road, and the SE Green River Gorge Road.

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

Yes. Metro routes 143 and 912 serve the Black Diamond - Lake Sawyer area.

- c. *How many parking spaces would the completed project have? How many would the project eliminate?*

Does not apply.

- 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).*

For access to the regional stormwater treatment sites, improvements to the existing private, gated, gravel road off of SE 312th Street would be necessary.

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

Does not apply.

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

Daily, one or a few vehicles could be accessing the sites for operation and maintenance of regional facilities. During non-storm seasons, only one vehicle for inspection/maintenance would be needed. Several daily vehicle trips might be needed during storms. More traffic would be expected during construction and annual maintenance. Separate SEPA compliance would be conducted for regional stormwater treatment.

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

Does not apply.

15. **Public Services**

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

Does not apply.

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

Does not apply.

16. **Utilities**

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

Available in general in the drainage basin.

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 that might be needed.*

Not applicable to the plan itself. The alum-injection building would need to have electrical lines connected to it.

C. **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:

Jeanne Davis

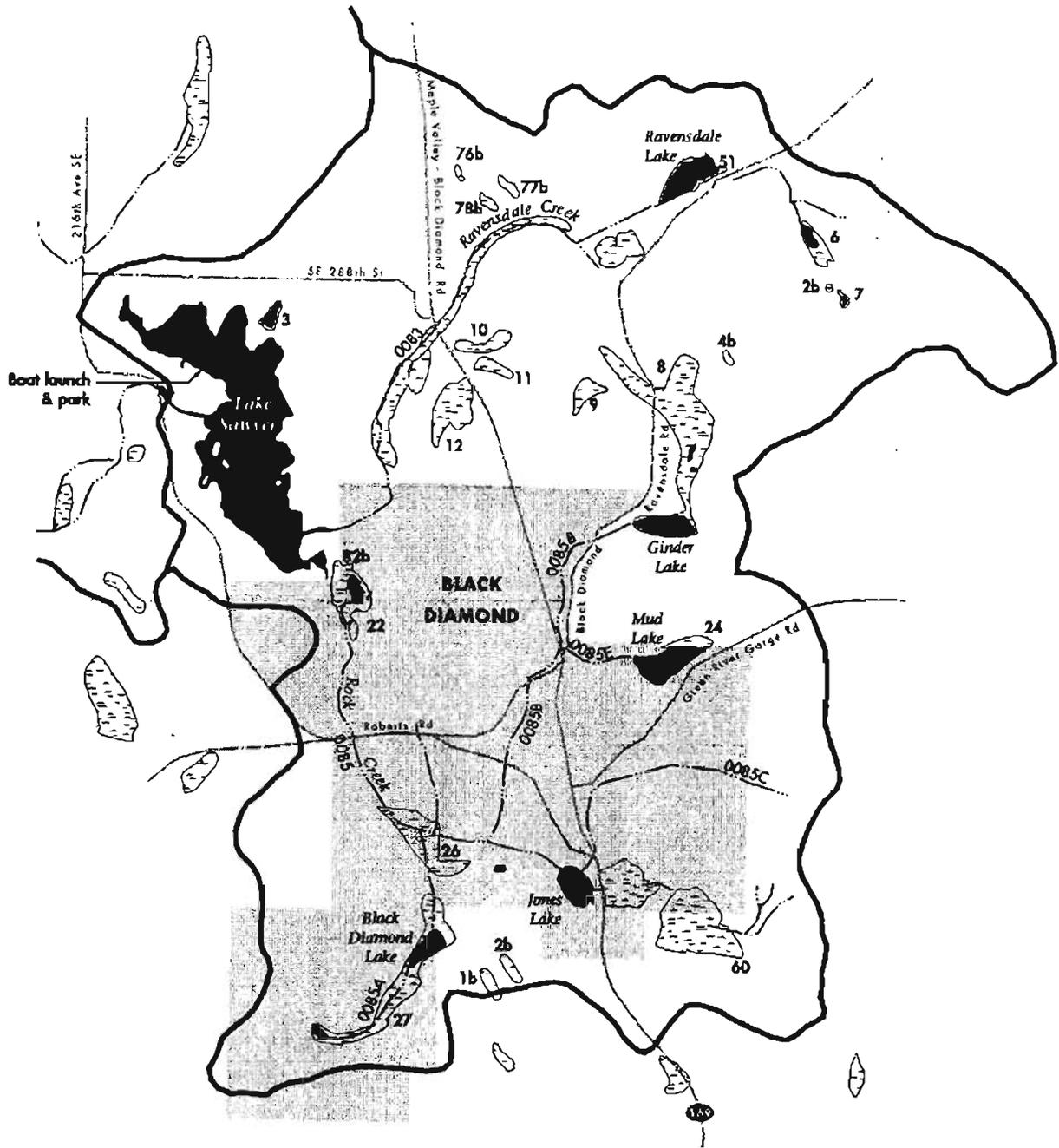
Title:

Sr. Water Quality Specialist

Date Submitted:

January 8 1997

**Figure 1**  
**Lake Sawyer Watershed**



-  Watershed Boundary
-  Stream & Stream Number
-  Major Road
-  Lake
-  Wetland & Wetland Number

